

TYPE	DATE	TIME		AGENCY	DESCRIPTION
Urgent Weather Message	12/12/2015	2143	PST	SAN DIEGO	<b>WIND ADVISORY</b> IN EFFECT FROM 4 PM SUNDAY TO 7 AM PST MONDAY.. <b>SAN DIEGO COUNTY MOUNTAINS</b> - GUSTY SOUTHWEST WINDS DEVELOPING SUNDAY AFTERNOON...THEN BECOMING WEST TO NORTHWEST OVERNIGHT. GUSTS OF 45 TO 55 MPH LIKELY AT TIMES THROUGH EARLY MONDAY MORNING - OVER THE MOUNTAIN RIDGES AND DOWN ALONG THE DESERT SLOPES...AND THROUGH AND BELOW SAN GORGONIO PASS IN THE NORTHERN COACHELLA VALLEY. - HAZARDOUS TRAVEL ALONG INTERSTATE 10 THROUGH SAN GORGONIO PASS AND <b>INTERSTATE 8</b> THROUGH THE SAN DIEGO COUNTY MOUNTAINS...ALSO INTERSTATE 15 AND US 395 THROUGH THE HIGH DESERT.
Area Forecast Discussion	12/12/2015	2150	PST	SAN DIEGO	YOU WOULDN'T REALLY KNOW IT BUT <u>ANOTHER WINTER-LIKE STORM SYSTEM IS EXPECTED TO DEVELOP SUNDAY OUT OF THE PACIFIC NORTHWEST...</u> AND QUICKLY SWING ACROSS SOUTHERN CALIFORNIA SUNDAY EVENING THROUGH MONDAY MORNING. THE MODELS ARE IN GOOD AGREEMENT WITH THE GENERAL SYNOPTIC PATTERN THROUGH MONDAY AND THE LATEST HIGH RESOLUTION MODELS ARE IN FINE AGREEMENT WITH MOST OF THE DETAILS REGARDING WINDS...RAIN AND SNOW POTENTIAL....MAIN CONCERN OVER THE NEXT 48 HOURS WILL BE WIND AND SNOWFALL
Urgent Weather Message	12/13/2015	0129	PST	SAN DIEGO	<b>WIND ADVISORY</b> IN EFFECT FROM 4 PM THIS AFTERNOON TO 6 AM PST MONDAY.. <b>SAN DIEGO COUNTY MOUNTAINS</b> - AREAS OF SOUTHWEST WINDS 20 TO 30 MPH WITH GUSTS TO 45 MPH DEVELOPING DURING THE LATE AFTERNOON...STRENGTHENING TO 25 TO 35 MPH WITH GUSTS TO 55 MPH DURING THE EVENING THROUGH LATE TONIGHT WITH STRONGEST GUSTS TO 70 MPH. WINDS BECOMING WESTERLY AFTER MIDNIGHT AND DECREASING MONDAY MORNING... <b>INTERSTATE 8</b> THROUGH THE SAN DIEGO COUNTY MOUNTAINS.
Area Forecast Discussion	12/13/2015	0830	PST	SAN DIEGO	<u>A WELL-DEFINED FRONT WITH STRONG SURFACE WINDS LIES OFF THE MENDOCINO COUNTY COAST AND WILL MOVE RAPIDLY TO NEAR POINT CONCEPTION BY LATE THIS AFTERNOON AND NEAR SAN DIEGO BY LATE EVENING....</u> WINDS WILL BE FAIRLY STRONG IN THE MOUNTAINS/DESERTS WITH LOCAL GUSTS IN THE 55-70 MPH RANGE ON THE DESERT SLOPES AND NEAR SAN GORGONIO PASS. MODELS SHOW A PERIOD OF STRONG WEST WINDS BEHIND THE FRONT OVER

TYPE	DATE	TIME		AGENCY	DESCRIPTION
Urgent Weather Message	12/13/2015	1341	PST	SAN DIEGO	<b>HIGH WIND WARNING</b> IN EFFECT UNTIL 6 AM PST MONDAY- <b>SAN DIEGO COUNTY MOUNTAINS</b> - AREAS OF SOUTHWEST TO WEST WINDS 20 TO 30 MPH WITH GUSTS TO 45 MPH DEVELOPING DURING THE LATE AFTERNOON...STRENGTHENING TO 25 TO 35 MPH WITH GUSTS TO 55 MPH DURING THE EVENING WITH LOCAL GUSTS OVER 70 MPH OVER CRESTS AND DESERT SLOPES MAINLY LATE THIS EVENING THROUGH 3 AM MONDAY. WINDS WILL DIMINISH EARLY MONDAY MORNING.... <b>INTERSTATE 8 - SAN DIEGO COUNTY DESERTS</b> - SOUTHWEST TO WEST 20 TO 35 MPH WITH GUSTS TO 60 MPH.STRONGEST WINDS FROM LATE EVENING THROUGH ABOUT 300 AM MONDAY. WINDS WILL DIMINISH EARLY MONDAY MORNING
Area Forecast Discussion	12/13/2015	1400	PST	SAN DIEGO	A WELL-DEFINED FRONT WITH STRONG SURFACE WINDS LIES OFF THE SAN LUIS OBISPO COUNTY COAST AND WILL MOVE RAPIDLY PAST POINT CONCEPTION LATE THIS AFTERNOON AND NEAR SAN DIEGO BY LATE EVENING....WITH RATHER TIGHT HEIGHT/TEMPERATURE GRADIENTS ALOFT...WINDS WILL BE FAIRLY STRONG IN THE MOUNTAINS/DESERTS WITH LOCAL GUSTS IN THE 60-70 MPH RANGE ON THE DESERT SLOPES AND NEAR GORGONIO PASS.
Public Information Statement	12/13/2015	1942	PST	SAN DIEGO	<b>WIND REPORTS PAST 12 HOUR</b> - COACHELLA VALLEY PALM DESERT (5 S) 46 MPH - SAN DIEGO COUNTY DESERTS OCOTILLO WELLS 44 MPH
Urgent Weather Message	12/13/2015	2105	PST	SAN DIEGO	HIGH WIND WARNING REMAINS IN EFFECT UNTIL 6 AM PST MONDAY - SAN DIEGO COUNTY MOUNTAINS - SOUTHWEST TO WEST 35 TO 45 MPH WITH GUSTS 65 TO 75 MPH. STRONGEST WINDS THROUGH ABOUT 3 AM MONDAY. WINDS WILL DIMINISH EARLY MONDAY MORNING. STRONGEST WINDS NEAR THE DESERT FOOTHILLS AND EAST OF DESERT CANYONS
Area Forecast Discussion	12/13/2015	2121	PST	SAN DIEGO	RADAR AND SFC OBSERVATIONS INDICATE RAIN AND MOUNTAIN SNOW HAVE SPREAD ACROSS THE FORECAST AREA SINCE 6 PM. AT 9 PM PST...SEVERAL PRECIP AMOUNTS OVER ONE-HALF INCH HAVE BEEN REPORTED IN THE SAN BERNARDINO MTS WITH THE SNOW LEVEL NEAR 6800 FT. <u>THE WINDS HAVE BEEN QUITE STRONG...A LOW PRESSURE TROUGH WILL DROP SOUTH OVER THE REGION THIS EVENING AND THEN MORPH INTO A GIANT AREA OF LOW PRESSURE TO COVER MUCH OF THE WESTERN U.S.</u>
Area Forecast Discussion	12/13/2015	2124	MST	PHOENIX	COLD FRONT ACROSS SOUTHERN CA IS DROPPING RAPIDLY SOUTHWARD AND WILL MOVE EASTWARD ACROSS THE FORECAST AREA EARLY MONDAY MORNING....THE COLD FRONT IS ASSOCIATED WITH A WELL-DEVELOPED LOW PRESSURE SYSTEM ACROSS THE GREAT BASIN...

TYPE	DATE	TIME		AGENCY	DESCRIPTION
Urgent Weather Message	12/14/2015	0158	PST	SAN DIEGO	<b>HIGH WIND WARNING</b> NOW IN EFFECT UNTIL 1 PM PST THIS AFTERNOON - <b>SAN DIEGO COUNTY MOUNTAINS</b> - WEST 35 TO 45 MPH WITH GUSTS 55 TO 65 MPH. STRONGEST WINDS THROUGH ABOUT 3 AM. WINDS WILL DIMINISH EARLY THIS AFTERNOON....STRONGEST WINDS NEAR THE RIDGES...DESERT FOOTHILLS AND BELOW THE SAN GORGONIO PASS. - <b>COACHELLA VALLEY - WIND ADVISORY</b> IN EFFECT UNTIL 1 PM PST THIS AFTERNOON - AREAS OF WEST TO NORTHWEST WINDS 25 TO 35 MPH WITH GUSTS TO 50 MPH THROUGH EARLY THIS AFTERNOON.
Area Forecast Discussion	12/14/2015	0300	PST	SAN DIEGO	SHOWERS ARE DEPARTING THIS MORNING JUST AS QUICKLY AS THE CAME. ASIDE FROM A FEW STRAY LIGHT SHOWERS...ONE MOVING OFF THE SAN BERNARDINO MOUNTAINS INTO THE NORTHERN COACHELLA VALLEY AND A COUPLE OVER SAN DIEGO COUNTY...PRECIP LOOKS TO BE OVER.... <u>STORY FOR TODAY IS JUST BREEZY AND COOL WITH CLEARING SKIES.</u> WINDS ARE CURRENTLY PEAKING AND SHOULD SLOWLY TREND DOWNWARD THROUGH THE MORNING....COLD NORTH TO NORTHEAST FLOW BEHIND THE DEPARTING LOW WILL KEEP HIGH TEMPS 5 TO 15 DEGREES BELOW NORMAL. LOCAL GUSTY OFFSHORE WINDS WILL DEVELOP TONIGHT AND TUESDAY NIGHT...MAINLY BELOW THE WIND PRONE PASSES AND CANYONS
Area Forecast Discussion	12/14/2015	0340	MST	PHOENIX	AT 3 AM THIS MORNING...A DEEP...COLD AND PROGRESSIVE UPPER TROF WITH A WELL DEFINED SURFACE COLD FRONT CONTINUED TO PUSH EAST AND ACROSS THE DESERT SOUTHWEST WITH THE SURFACE FRONT APPROACHING THE LOWER CO RIVER VALLEY AS SEEN IN THE IR IMAGERY
Special Weather Statement	12/14/2015	0419	MST	PHOENIX	<b>IMPERIAL COUNTY</b> -A DEEP AND COLD LOW PRESSURE SYSTEM WILL BRING SHOWERS TO PORTIONS OF SOUTH-CENTRAL AND SOUTHWEST ARIZONA TODAY...AND THEN LEAVE BEHIND A VERY COLD AND DRY AIRMASS. THIS WILL RESULT IN THE COLDEST TEMPERATURES OF THE SEASON STARTING TUESDAY MORNING AND CONTINUING THROUGH THURSDAY MORNING. THERE IS THE POTENTIAL FOR SCATTERED TO WIDESPREAD FREEZING TEMPERATURES EACH MORNING. HOWEVER...PERSISTENT NORTHERLY BREEZES MAY PREVENT TEMPERATURES FROM REACHING THE FREEZING POINT EXCEPT IN ISOLATED LOCATIONS...STAYING MAINLY IN THE MID TO UPPER 30S.
Preliminary Local Storm Report	12/14/2015	0641	PST	SAN DIEGO	PRELIMINARY LOCAL STORM REPORT - WND GST 4 S <b>COACHELLA</b> - WND GST 3 WNW <b>BORREGO SPRINGS</b>
Public Information Statement	12/14/2015	0840	PST	SAN DIEGO	<b>HIGHEST WIND GUSTS</b> SINCE YESTERDAY EVENING - <b>COACHELLA VALLEY</b> - THERMAL AIRPORT 55 MPH- PALM DESERT (5 S) 50 MPH - COACHELLA 49 MPH - THOUSAND PALMS 44 MPH - PALM SPRINGS AIRPORT 41 MPH - SKY VALLEY 37 MPH - <b>SAN DIEGO COUNTY DESERTS</b> -BORREGO SPRINGS (3 W) 59 MPH-OCOTILLO WELLS 55 MPH-IN KO PAH 50 MPH BORREGO SPRINGS (2 E) 46 MPH - BORREGO SPRINGS 40 MPH 0410 AM - NARROWS 37 MPH -JACUMBA 36 MPH

TYPE	DATE	TIME	AGENCY	DESCRIPTION
Public Information Statement	12/14/2015	0854	PST	SAN DIEGO <b>HIGHEST WIND GUSTS</b> SINCE YESTERDAY EVENING - <b>COACHELLA VALLEY</b> - THERMAL AIRPORT 55 MPH- PALM DESERT (5 S) 50 MPH - COACHELLA 49 MPH - THOUSAND PALMS 44 MPH - PALM SPRINGS AIRPORT 41 MPH - SKY VALLEY 37 MPH - <b>SAN DIEGO COUNTY DESERTS</b> -BORREGO SPRINGS (3 W) 59 MPH-OCOTILLO WELLS 55 MPH-IN KO PAH 50 MPH BORREGO SPRINGS (2 E) 46 MPH - BORREGO SPRINGS 40 MPH 0410 AM - NARROWS 37 MPH -JACUMBA 36 MPH
Area Forecast Discussion	12/14/2015	0930	PST	SAN DIEGO EXCEPT FOR SOME CLOUDS IN SOUTHERN SAN DIEGO COUNTY AND THE SAN BERNARDINO COUNTY MOUNTAINS...SKIES HAD CLEARED. WINDS HAD DECREASED WITH ONLY LOCAL GUSTS AROUND 20-25 MPH AT THE COAST AND 40-45 MPH ON THE DESERT MOUNTAIN SLOPES.
Urgent Weather Message	12/14/2015	0940	PST	SAN DIEGO <b>HIGH WIND WARNING IS CANCELLED</b> - SAN DIEGO COUNTY MOUNTAINS - <b>WIND ADVISORY</b> IS CANCELLED - COACHELLA VALLEY
Preliminary Storm Precipitation Totals	12/14/2015	1316	PST	SAN DIEGO 24-HOUR PRECIPITATION STORM TOTALS AS OF 116 PM MONDAY - SAN DIEGO COUNTY DESERTS - BORREGO PALM CANYON 0.05(Precip)
Preliminary Storm Precipitation Totals	12/14/2015	1331	PST	SAN DIEGO 24-HOUR PRECIPITATION STORM TOTALS AS OF 131 PM MONDAY - CAMPO 0.19 (Precip) WARNER SPRINGS 0.15(Precip) MT LAGUNA 0.10(Precip)
Final Storm Precipitation Totals	12/14/2015	1337	PST	SAN DIEGO STORM TOTAL PRECIP FROM SUNDAY NIGHT TO MONDAY MORNING 130 PM MONDAY - BORREGO PALM CANYON 0.05(Precip) - CAMPO 0.19 (Precip) WARNER SPRINGS 0.15(Precip) MT LAGUNA 0.10(Precip)
Urgent Weather Message	12/14/2015	1358	PST	SAN DIEGO <b>HIGH WIND WARNING</b> NOW IN EFFECT UNTIL 1 PM PST THIS AFTERNOON. - <b>SAN DIEGO COUNTY MOUNTAINS-SAN DIEGO COUNTY DESERTS</b> - WEST 35 TO 45 MPH WITH GUSTS 55 TO 65 MPH. STRONGEST WINDS THROUGH ABOUT 3 AM. WINDS WILL DIMINISH EARLY THIS AFTERNOON.
Area Forecast Discussion	12/14/2015	1400	PST	SAN DIEGO PARTLY CLOUDY CONDITIONS PREVAILED...WITH A CHILLY DAY AS EARLY AFTERNOON TEMPERATURES WERE ONLY IN THE MID 50S TO LOWER 60S AT LOWER ELEVATIONS AND MOSTLY BELOW FREEZING ABOVE 5500-6000 FEET ELEVATION. THERE WILL BE SOME OFFSHORE FLOW TONIGHT TO BRING LOCAL WIND GUSTS AROUND 30 MPH THROUGH/BELOW PASSES AND CANYONS...ESPECIALLY BELOW CAJON PASS AND IN THE SANTA ANA MOUNTAINS...BUT MOST OTHER AREAS WILL HAVE LIGHT WINDS TONIGHT

TYPE	DATE	TIME	AGENCY	DESCRIPTION	
Area Forecast Discussion	12/14/2015	2055	PST	SAN DIEGO	SKIES WERE CLEAR AND IT WAS A COOL EVENING ACROSS SOCAL WITH TEMPERATURES WEST OF THE MTS ALREADY IN THE MID 40S TO MID 50S AT 9PM PST. SURFACE PRESSURE GRADIENTS WERE STILL ONSHORE 1-3 MBS TO THE LOWER DESERTS...BUT WESTERLY WINDS HAVE WEAKENED CONSIDERABLY....A LARGE AREA OF LOW PRESSURE ALOFT WILL CONTROL THE WEATHER ACROSS CALIFORNIA AND MUCH OF THE WEST...WITH DRY AND COOL...NORTHERLY FLOW THROUGH TUESDAY. THE LOW WILL MOVE EAST ON WEDNESDAY...ALLOWING HEIGHTS/THICKNESS TO RISE INTO THE WEEKEND...ALONG WITH TEMPERATURES.
Area Forecast Discussion	12/15/2015	0327	PST	SAN DIEGO	A COLD MORNING ACROSS OUR REGION AS A DEEP UPPER LOW EXITS EAST OF US ACROSS THE THE 4 CORNERS REGION...ALLOWING VERY COLD AIR TO WRAP AROUND THE BACKSIDE OF THE UPPER LOW AND CONTINUE TO KEEP CALIFORNIA ON THE COOL SIDE TODAY.

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URGENT - WEATHER MESSAGE  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
943 PM PST SAT DEC 12 2015

CAZ058-060-065-131400-  
/O.NEW.KSGX.WI.Y.0033.151214T0000Z-151214T1500Z/  
SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-  
SAN GORGONIO PASS NEAR BANNING-  
943 PM PST SAT DEC 12 2015

...WIND ADVISORY IN EFFECT FROM 4 PM SUNDAY TO 7 AM PST MONDAY...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A WIND  
ADVISORY...WHICH IS IN EFFECT FROM 4 PM SUNDAY TO 7 AM PST  
MONDAY.

\* WINDS...GUSTY SOUTHWEST WINDS DEVELOPING SUNDAY AFTERNOON...THEN  
BECOMING WEST TO NORTHWEST OVERNIGHT. GUSTS OF 45 TO 55 MPH  
LIKELY AT TIMES THROUGH EARLY MONDAY MORNING.

\* LOCATION...OVER THE MOUNTAIN RIDGES AND DOWN ALONG THE DESERT  
SLOPES...AND THROUGH AND BELOW SAN GORGONIO PASS IN THE NORTHERN  
COACHELLA VALLEY.

\* VISIBILITY...BLOWING DUST AND SAND IN THE HIGH DESERT MAY REDUCE  
VISIBILITY TO ONLY ONE MILE AT TIMES.

\* IMPACTS...HAZARDOUS TRAVEL ALONG INTERSTATE 10 THROUGH SAN  
GORGONIO PASS AND INTERSTATE 8 THROUGH THE SAN DIEGO COUNTY  
MOUNTAINS...ALSO INTERSTATE 15 AND US 395 THROUGH THE HIGH  
DESERT.

\* OUTLOOK...WINDS GRADUALLY DECREASING MONDAY MORNING.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS  
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH  
PROFILE VEHICLES. USE EXTRA CAUTION.

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JMB

778  
FXUS66 KSGX 130555  
AFDSGX

AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
950 PM PST SAT DEC 12 2015

.EVENING UPDATE... A VERY PLEASANT BUT CHILLY EVENING ACROSS SOUTHERN CALIFORNIA. YOU WOULDN'T REALLY KNOW IT BUT ANOTHER WINTER-LIKE STORM SYSTEM IS EXPECTED TO DEVELOP SUNDAY OUT OF THE PACIFIC NORTHWEST...AND QUICKLY SWING ACROSS SOUTHERN CALIFORNIA SUNDAY EVENING THROUGH MONDAY MORNING.

THE MODELS ARE IN GOOD AGREEMENT WITH THE GENERAL SYNOPTIC PATTERN THROUGH MONDAY AND THE LATEST HIGH RESOLUTION MODELS ARE IN FINE AGREEMENT WITH MOST OF THE DETAILS REGARDING WINDS...RAIN AND SNOW POTENTIAL.

NO MAJOR CHANGES TO THE ONGOING FORECAST DATABASE. HOWEVER...IT DOES LOOK LIKE WE WILL REACH WIND ADVISORY CRITERIA FOR THE HIGH DESERTS AND ALL OF THE MOUNTAIN ZONES (EXCEPT FOR THE SANTA ANA MOUNTAINS). THEREFORE WE HAVE ISSUED A WIND ADVISORY FOR THOSE AREAS AND ALSO MATCHED THE WINTER WEATHER ADVISORY AND EXPANDED IT FOR ALL OF THE SAN BERNARDINO AND RIVERSIDE COUNTY MOUNTAINS TO ACCOUNT FOR THE STRONG WIND GUST POTENTIAL (OUR WINTER WEATHER ADVISORY INCLUDES THE WIND THREAT AS WELL). WIND GUSTS IN THE HIGH DESERTS OF 40 TO 50 MPH POSSIBLE...WITH A POSSIBILITY OF BLOWING DUST AND SAND. WINDS OVER THE MOUNTAINS AND SAN GORGONIO PASS WILL BE 50 TO 60 MPH. AT THIS TIME THE LOWER DESERTS AND COACHELLA VALLEY DO NOT LOOK TO REACH ADVISORY CRITERIA...HOWEVER THIS WILL NEED TO BE RE-EVALUATED BASED ON THE 00Z INITIALIZATION AND GUIDANCE. NO OTHER SIGNIFICANT CHANGES WERE MADE AT THIS TIME.

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.SYNOPSIS... A WEAK HIGH PRESSURE RIDGE WILL MOVE OVER THE SOUTHWEST THROUGH SUNDAY MORNING...FOLLOWED BY A LOW PRESSURE TROUGH SUNDAY NIGHT. THIS WILL MEAN FAIR AND SEASONAL WEATHER FOR SOCAL THROUGH SUNDAY...THEN GUSTY WINDS IN THE MOUNTAINS AND DESERTS...AND SHOWERS SUNDAY NIGHT. SEVERAL INCHES OF SNOW ARE POSSIBLE ABOVE 6000 FEET IN THE MOUNTAINS BY MONDAY MORNING. BLUSTERY AND COOL ON MONDAY...THEN FAIR AND DRY WITH COOL NIGHTS...AND A SLOW WARMING TREND FOR THE REMAINDER OF THE WEEK.

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.PREVIOUS DISCUSSION (ISSUED AT 146 PM PST)...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

SKIES WERE CLEAR ACROSS THE REGION EARLY THIS AFTERNOON.AFTER A CHILLY START...TEMPERATURES HAD RISEN INTO THE 60S MOST AREAS WEST OF THE MTS. SURFACE PRESSURE GRADIENTS WERE WEAK AND WINDS GENERALLY LIGHT...HOWEVER THERE WERE SEVERAL...MAINLY REMOTE INLAND SITES WITH WESTERLY GUSTS OVER 25 MPH.

EXPECT A FAIR AND COOL NIGHT WITH PATCHY FROST IN THE VALLEYS...THEN SEASONAL AND DRY MOST OF SUNDAY.

AN UPPER-LEVEL TROUGH IS MOVING EAST ACROSS AZ THIS AFTERNOON... WHILE ANOTHER TROUGH APPROACHES THE PACNW. A WEAK RIDGE BETWEEN THE TWO WILL BRING FAIR AND SEASONAL WEATHER THROUGH SUNDAY. FOR SUNDAY NIGHT/MON...MODEL GUIDANCE DEEPENS THE TROUGH INTO THE GREAT

BASIN...CARVING OUT A BROAD TROUGH ACROSS THE SW THROUGH TUE. A COLD FRONT ASSOCIATED WITH THE TROUGH WILL DIVE RAPIDLY SE ACROSS THE CWA ON SUN NIGHT...PRECEDED BY SHOWERS. THE SHOWERS WILL RAPIDLY DISSIPATE LATE SUN NIGHT BEHIND THE FRONT AS DRIER AIR MOVES IN FROM THE NORTH. FAIR AND COOL WEATHER WILL PREVAIL ACROSS THE SOUTHLAND EARLY NEXT WEEK...WITH DAYTIME TEMPERATURES BELOW AVERAGE...FOLLOWED BY A WARMING TREND INTO THE END OF THE WEEK.

MAIN CONCERN OVER THE NEXT 48 HOURS WILL BE WIND AND SNOWFALL. LATEST GUIDANCE WELL WITHIN THE SUITE OF HIRES MODELS...SUGGEST THERE WILL BE SUFFICIENT PRECIPITATION ABOVE 6000 FT FOR SEVERAL INCHES OF SNOWFALL ACCUMULATION IN THE SAN BERNARDINO MTS...AND ABOVE 6500 FEET IN THE RIVERSIDE COUNTY MTS SUN NIGHT. A WINTER WEATHER ADVISORY HAS BEEN ISSUED FOR THESE AREAS. PLEASE SEE LAXWSWSGX. FARTHER SOUTH...A DUSTING OF SNOW IS POSSIBLE ON THE HIGHER PEAKS OF THE SAN DIEGO COUNTY MTS AS WELL.

IT WILL BECOME QUITE WINDY BY LATE SUNDAY. WINDS WILL BECOME STRONG AND GUSTY WITH THE COLD FRONT...SO ADVISORIES MAY BE NECESSARY ALONG THE DRY WIND-PRONE DESERT SLOPES...AND POSSIBLY INTO THE DESERTS AS WELL. STRONG WINDS WILL DEVELOP OVER THE COASTAL WATERS AND MAY IMPACT THE COASTAL STRIP WITH GUSTS OVER 30 MPH AT TIMES ON MONDAY.

LOOKING AHEAD TO NEXT WEEKEND...ALL THE MEDIUM RANGE GUIDANCE SUGGEST ANOTHER TROUGH WILL BE IN THE VICINITY...BUT SOLUTIONS VARY WITH TIMING. THE GFS/ECMWF ARE BOTH WET OVER SOCAL ON SUNDAY...AND THE CANADIAN DRY. THIS IS JUST BEYOND THE FORECAST PERIOD SO THE CURRENT FORECAST IS DRY THROUGH NEXT SATURDAY.

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.AVIATION...

120535Z...MOSTLY CLEAR WITH UNRESTRICTED VIS THROUGH 14/0000 UTC. AFTER 14/0000 UTC...INCREASING CLOUDS AND SHOWERS MOVING FROM NORTHWEST TO SOUTHEAST THROUGH THE FORECAST AREA MAINLY OVER AND WEST OF THE MTNS AND IN THE HIGH DESERTS...WITH MERGING CLOUD DECKS IN THE 2000-12000 FT MSL LAYER...AREAS OF VIS 3-5 SM...LOCAL VIS AOB 2 SM IN +RA AND MTN OBSCURATION OF COASTAL SLOPES.

AFTER 2100 UTC...SW TO W WINDS 20-30 KT WITH GUSTS 35-45 KT OVER MTN RIDGES...THROUGH AND BELOW PASSES/CANYONS...ALONG DESERT SLOPES AND INTO ADJACENT DESERT AREAS WILL CREATE MOD-STG UDDFS/LLWS OVER AND E OF THE MTNS.

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.MARINE...

935 PM...LATEST READINGS FROM THE SAN CLEMENTE BASIN BUOY SHOWS WAVE HEIGHTS OF 13 FEET WITH A PERIOD OF 16 SECONDS. ALTHOUGH THE LARGE NORTHWEST SWELL SHOULD LOWER THROUGH SUNDAY MORNING...SEAS WILL LIKELY STAY ABOVE 10 FEET THROUGH THAT TIME. A SMALL CRAFT ADVISORY REMAINS IN EFFECT.

SEAS SHOULD LOWER BELOW 10 FEET BY LATE SUNDAY MORNING. HOWEVER...ANOTHER LARGE 9-11 FOOT NORTHWEST SWELL WITH AN 8-13 SECOND PERIOD AND STRONG NORTHWEST WIND GUSTS OF 25-35 KT ARE LIKELY EARLY MONDAY INTO EARLY TUESDAY. THE STRONG WINDS AND STEEP SEAS WILL LIKELY BE HAZARDOUS TO SMALL CRAFT. THERE IS ALSO A CHANCE OF SHOWERS SUNDAY NIGHT INTO MONDAY. WINDS AND SEAS WILL LOWER ON TUESDAY.

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.BEACHES...

935 PM...COMBINED SEAS ARE CURRENTLY RUNNING ABOUT 13 FEET WITH A 16 SECOND PERIOD AT THE SAN CLEMENTE BASIN BUOY...WITH A LOWERING TREND NOTED AT THE NEARSHORE BUOYS WHERE WAVE HEIGHTS ARE DOWN TO 7 TO 9 FEET. WITH THE SWELL HEIGHTS DIMINISHING...THE HIGH SURF WARNING FOR THE SAN DIEGO COUNTY BEACHES WAS DOWNGRADED TO A HIGH SURF ADVISORY. THE LARGE NORTHWEST SWELL WILL CONTINUE TO LOWER THROUGH SUNDAY AFTERNOON...WITH 5 TO 8 FOOT SURF AND SETS TO 10 FEET LIKELY NORTH OF NEWPORT BEACH AND SOUTH OF OCEANSIDE. ANOTHER LARGE NORTHWEST SWELL WITH A SHORTER PERIOD...8 TO 13 SECONDS...WILL ARRIVE LATE SUNDAY AND CONTINUE THROUGH MONDAY BEFORE LOWERING EARLY TUESDAY. THIS WILL LIKELY CONTINUE THE HIGH SURF CONDITIONS AT FAVORED BEACHES. THE HIGH SURF ADVISORY FOR ORANGE AND SAN DIEGO COUNTIES NOW GOES THROUGH EARLY TUESDAY AFTERNOON. IN ADDITION TO THE HIGH SURF...HIGH TIDES REACHING 7 FEET DURING THE MID-MORNING HOURS SUNDAY MAY CAUSE MINOR COASTAL FLOODING AT LOW LYING BEACH AREAS. A COASTAL FLOOD ADVISORY REMAINS IN EFFECT THROUGH SUNDAY AFTERNOON. FOR ADDITIONAL DETAILS...PLEASE SEE LAXCFWSGX.

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.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

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.SGX WATCHES/WARNINGS/ADVISORIES...

CA...WINTER WEATHER ADVISORY FROM 4 PM SUNDAY TO 7 AM PST MONDAY FOR RIVERSIDE COUNTY MOUNTAINS-SAN BERNARDINO COUNTY MOUNTAINS.

WIND ADVISORY FOR 4 PM SUNDAY TO 7 AM PST MONDAY FOR SAN DIEGO



COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-SAN GORGONIO PASS  
NEAR BANNING.

COASTAL FLOOD ADVISORY UNTIL 4 PM PST SUNDAY FOR ORANGE COUNTY  
COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS.

HIGH SURF ADVISORY UNTIL 2 PM PST TUESDAY FOR ORANGE COUNTY  
COASTAL AREAS-SAN DIEGO COUNTRY COASTAL AREAS.

PZ...SMALL CRAFT ADVISORY UNTIL 10 AM PST SUNDAY FOR WATERS FROM SAN  
MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT  
INCLUDING SAN CLEMENTE ISLAND.

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PUBLIC...JMB  
AVIATION/MARINE/BEACHES...HARRISON  
PREVIOUS DISCUSSION...JAD

## IOWA STATE UNIVERSITY

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WMUS76 KSGX 130929  
NPWSGX

URGENT - WEATHER MESSAGE  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
129 AM PST SUN DEC 13 2015

...PERIODS OF STRONG GUSTY WEST WINDS FOR THE MOUNTAINS AND  
DESERTS AND NEAR THE COAST FOR TONIGHT...

.A LOW PRESSURE SYSTEM MOVING INLAND THROUGH SOUTHERN CALIFORNIA  
TONIGHT THROUGH EARLY MONDAY WILL BRING PERIODS OF STRONG GUST  
WEST WINDS FOR THE MOUNTAINS AND DESERTS FOR TONIGHT AND FOR  
COASTAL AREAS FOR LATE THIS EVENING THROUGH TONIGHT.

CAZ043-552-132130-  
/O.EXB.KSGX.WI.Y.0033.151214T0600Z-151214T1400Z/  
SAN DIEGO COUNTY COASTAL AREAS-ORANGE COUNTY COASTAL AREAS-  
129 AM PST SUN DEC 13 2015

...WIND ADVISORY IN EFFECT FROM 10 PM THIS EVENING TO 6 AM PST  
MONDAY...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A WIND  
ADVISORY...WHICH IS IN EFFECT FROM 10 PM THIS EVENING TO 6 AM PST  
MONDAY.

\* WINDS...AREAS OF WEST TO NORTHWEST WINDS 15 TO 25 MPH WITH  
GUSTS TO 40 MPH.

\* LOCATION...STRONGEST AND MOST WIDESPREAD NEAR THE COAST.

\* IMPACTS...SECURE LAWN FURNITURE AND WATCH FOR PALM FRONDS WHILE  
DRIVING.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS  
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH  
PROFILE VEHICLES. USE EXTRA CAUTION.

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CAZ055-056-132130-  
/O.EXB.KSGX.WI.Y.0033.151214T0000Z-151214T1400Z/  
SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-  
129 AM PST SUN DEC 13 2015

...WIND ADVISORY IN EFFECT FROM 4 PM THIS AFTERNOON TO 6 AM PST  
MONDAY...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A WIND  
ADVISORY...WHICH IS IN EFFECT FROM 4 PM THIS AFTERNOON TO 6 AM  
PST MONDAY.

\* WINDS...AREAS OF SOUTHWEST WINDS 20 TO 30 MPH WITH GUSTS TO 45  
MPH DEVELOPING DURING THE LATE AFTERNOON...STRENGTHENING TO 25  
TO 35 MPH WITH GUSTS TO 55 MPH DURING THE EVENING THROUGH LATE  
TONIGHT WITH STRONGEST GUSTS TO 70 MPH. WINDS BECOMING WESTERLY  
AFTER MIDNIGHT AND DECREASING MONDAY MORNING.

\* LOCATION...STRONGEST NEAR MOUNTAIN RIDGE TOPS AND ALONG DESERT  
MOUNTAIN SLOPES.

\* IMPACTS...HAZARDOUS TRAVEL FOR HIGH PROFILE VEHICLES.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS  
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH  
PROFILE VEHICLES. USE EXTRA CAUTION.

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CAZ058-060-065-132130-

/O.EXT.KSGX.WI.Y.0033.151214T0000Z-151214T1400Z/  
SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-  
SAN GORGONIO PASS NEAR BANNING-  
129 AM PST SUN DEC 13 2015

...WIND ADVISORY NOW IN EFFECT FROM 4 PM THIS AFTERNOON TO 6 AM  
PST MONDAY...

\* WINDS...AREAS OF SOUTHWEST WINDS 20 TO 30 MPH WITH GUSTS TO 45  
MPH DEVELOPING DURING THE LATE AFTERNOON...STRENGTHENING TO 25  
TO 35 MPH WITH GUSTS TO 55 MPH DURING THE EVENING THROUGH LATE  
TONIGHT WITH STRONGEST GUSTS TO 70 MPH. WINDS BECOMING WESTERLY  
AFTER MIDNIGHT AND DECREASING MONDAY MORNING.

\* LOCATION...STRONGEST NEAR MOUNTAIN RIDGE TOPS AND ALONG DESERT  
MOUNTAIN SLOPES INTO ADJACENT DESERT AREAS.

\* IMPACTS...HAZARDOUS TRAVEL ALONG INTERSTATE 10 THROUGH SAN  
GORGONIO PASS AND INTERSTATE 8 THROUGH THE SAN DIEGO COUNTY  
MOUNTAINS...ALSO INTERSTATE 15 AND US 395 THROUGH THE HIGH  
DESERT.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS  
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH  
PROFILE VEHICLES. USE EXTRA CAUTION.

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FOR A DETAILED MAP OF THE HAZARD:  
[WWW.WRH.NOAA.GOV/WRH/WHV/?WFO=SGX](http://WWW.WRH.NOAA.GOV/WRH/WHV/?WFO=SGX)

17

## IOWA STATE UNIVERSITY

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### Department of Agronomy

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AFDSGX

AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
830 AM PST SUN DEC 13 2015

.SYNOPSIS...

AFTER FAIR WEATHER TODAY...A LOW PRESSURE TROUGH WILL MOVE THROUGH THE AREA TONIGHT AND BRING SHOWERS TO MOST AREAS ALONG WITH STRONGER WINDS. SOME SNOW WILL FALL AT HIGHER ELEVATIONS. THE TROUGH WILL MOVE INLAND MONDAY AND TUESDAY...AND WEAK OFFSHORE FLOW WILL DEVELOP HERE TO BRING A RETURN TO FAIR WEATHER...BUT WITH BELOW NORMAL TEMPERATURES ALONG WITH AREAS OF FROST IN THE VALLEYS AT NIGHT. A WARMING TREND WILL OCCUR THE SECOND HALF OF THE WEEK. A PACIFIC SYSTEM COULD BRING PRECIPITATION EARLY NEXT WEEK.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

SKIES WERE CLEAR THIS MORNING OVER SOUTHERN CALIFORNIA...THOUGH THE NEXT SYSTEM IS BRINGING CLOUDS AND PRECIPITATION TO A LOT OF

NORTHERN CALIFORNIA. A WELL-DEFINED FRONT WITH STRONG SURFACE WINDS LIES OFF THE MENDOCINO COUNTY COAST AND WILL MOVE RAPIDLY TO NEAR POINT CONCEPTION BY LATE THIS AFTERNOON AND NEAR SAN DIEGO BY LATE EVENING. TIME-HEIGHT HUMIDITY CROSS-SECTIONS SHOW A 2-3 HOUR PERIOD

WITH THE FRONT WHEN THE NEAR-SATURATED LAYER EXTENDS FROM JUST ABOVE THE SURFACE TO A LITTLE OVER 700 MB...BUT WITH MUCH DRIER CONDITIONS ABOVE 850 MB BOTH BEFORE AND AFTER THE FRONTAL PASSAGE. HENCE...IT LOOKS LIKE A QUICK SHOT OF RAIN THIS EVENING...WITH TIMING RANGING FROM 6-9 PM OVER ORANGE COUNTY/SOUTHWESTERN SAN BERNARDINO COUNTY TO 9 PM-MIDNIGHT OVER SAN DIEGO COUNTY. PRECIP AMOUNTS SHOULD GENERALLY BE AROUND ONE-QUARTER INCH WEST OF THE MOUNTAINS...BUT SOME MOUNTAIN LOCATIONS COULD HAVE ONE-HALF TO LOCALLY ONE INCH OF RAIN. SNOW LEVELS WILL FALL WITH THE FRONT TO AROUND 4500-5000 FEET...WITH MAINLY 2-5 INCHES ABOVE 5000 FEET IN THE SAN BERNARDINO/RIVERSIDE COUNTY MOUNTAINS. WITH RATHER TIGHT HEIGHT/TEMPERATURE GRADIENTS

ALOFT...WINDS WILL BE FAIRLY STRONG IN THE MOUNTAINS/DESERTS WITH LOCAL GUSTS IN THE 55-70 MPH RANGE ON THE DESERT SLOPES AND NEAR SAN GORGONIO PASS. MODELS SHOW A PERIOD OF STRONG WEST WINDS BEHIND THE FRONT OVER THE COASTAL WATERS...AND SOME OF THAT WIND WILL REACH THE IMMEDIATE COAST LATE TONIGHT WITH GUSTS LOCALLY AROUND 40 MPH THERE

MAINLY 11 PM-4 AM. AFTER THE SYSTEM PASSES TO THE EAST MONDAY AND THE GRADIENTS WEAKEN...WINDS WILL DECREASE AND THE CLOUDS WILL MOSTLY DIMINISH. IT SHOULD BE QUITE COLD MONDAY AND TUESDAY

NIGHTS...WITH AREAS OF FROST IN THE VALLEYS AND POSSIBLY THE LOWER DESERTS...AS 850MB TEMPS WILL BE NEAR 0 C...AND WINDS WILL BE LIGHT IN LOW-LYING AREAS. THE WEAK OFFSHORE FLOW FOR TUE/WED SHOULD RESULT IN LOCAL BREEZY CONDITIONS THROUGH/BELOW PASSES/CANYONS...BUT WINDS SHOULD BE BELOW WIND ADVISORY STRENGTH WITH GUSTS MOSTLY 30-35 MPH.

AN EAST-PACIFIC HIGH PRESSURE RIDGE SHOULD MOVE THROUGH CALIFORNIA AND BRING FAIR AND WARMER WEATHER THE SECOND HALF OF THE WEEK...THEN A TROUGH COULD BE DEEP ENOUGH TO BRING PRECIPITATION EARLY NEXT WEEK. ECMWF IS SLOWER BUT DEEPER WITH THE TROUGH THAN THE GFS...AND TYPICALLY THE SLOWER MODEL 7-8 DAYS IN THE FUTURE IS BETTER WITH TIMING. WILL INTRODUCE A 20-30 PERCENT CHANCE OF PRECIPITATION FOR MOST AREAS FOR SUNDAY IN THE AFTERNOON FORECAST.

&&

.AVIATION...

121530Z...MOSTLY CLEAR WITH UNRESTRICTED VIS THROUGH THIS AFTERNOON. INCREASING CLOUDS WITH BASES 2000-5000 FT MSL...LOCALLY 1500 FT MSL...IMPACTING COASTAL TAF SITES BETWEEN 00Z AND 09Z MON...ALONG WITH SHOWERS MOVING FROM NORTHWEST TO SOUTHEAST MAINLY OVER AND WEST OF THE MTNS AND IN THE HIGH DESERTS. EXPECT AREAS OF VIS 3-5 SM AND BASES LOWERING TO 1000-1500 FT MSL DURING SHOWERS. SHOWERS TAPERING OFF AND VFR CIGS/VIS PREVAILING AFTER 14/12Z.

SW TO W WINDS 20-30 KT WITH GUSTS 35-45 KT WILL CREATE MOD-STG UDDFS/LLWS OVER AND E OF THE MTNS THIS AFTERNOON THROUGH MON MORNING.

&&

.MARINE...

730 AM...COMBINED SEAS OF 10-12 FEET OVER PORTIONS OF THE OUTER COASTAL WATERS WILL CONTINUE TO LOWER THIS MORNING. A SMALL CRAFT ADVISORY REMAINS IN EFFECT THROUGH 10 AM.

ANOTHER LARGE NORTHWEST SWELL AND STRONG NORTHWEST WIND GUSTS OF 25-35 KT ARE LIKELY EARLY MONDAY INTO EARLY TUESDAY. THE STRONG WINDS AND COMBINED SEAS OF 10-12 FT WITH STEEP WAVES WILL LIKELY BE HAZARDOUS TO SMALL CRAFT. THERE IS ALSO A CHANCE OF SHOWERS TONIGHT INTO MONDAY. WINDS AND SEAS WILL LOWER ON TUESDAY.

&&

.BEACHES...  
730 AM...THE LARGE NORTHWEST SWELL WILL CONTINUE TO LOWER THROUGH THIS AFTERNOON...WITH 4 TO 7 FOOT SURF AND SETS TO 9 FEET LIKELY NORTH OF NEWPORT BEACH AND SOUTH OF DEL MAR TODAY. ANOTHER LARGE NORTHWEST SWELL WITH A SHORTER PERIOD...8 TO 13 SECONDS...WILL ARRIVE LATE TONIGHT AND CONTINUE THROUGH MONDAY BEFORE LOWERING EARLY TUESDAY. THIS WILL LIKELY CONTINUE THE HIGH SURF CONDITIONS AT FAVORED BEACHES. THE HIGH SURF ADVISORY FOR ORANGE AND SAN DIEGO COUNTIES REMAINS IN EFFECT THROUGH EARLY TUESDAY AFTERNOON. IN ADDITION TO THE HIGH SURF...HIGH TIDES REACHING 7 FEET DURING THE MID-MORNING HOURS MAY CAUSE MINOR COASTAL FLOODING TODAY. A COASTAL FLOOD ADVISORY REMAINS IN EFFECT THROUGH NOON. FOR ADDITIONAL DETAILS...PLEASE SEE LAXCFWSGX.

&&

.SKYWARN...  
SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...  
CA...WIND ADVISORY FROM 4 PM THIS AFTERNOON TO 6 AM PST MONDAY FOR APPLE AND LUCERNE VALLEYS-RIVERSIDE COUNTY MOUNTAINS-SAN BERNARDINO COUNTY MOUNTAINS-SAN DIEGO COUNTY MOUNTAINS-SAN GORGONIO PASS NEAR BANNING.  
  
WINTER WEATHER ADVISORY FROM 6 PM THIS EVENING TO 3 AM PST MONDAY FOR RIVERSIDE COUNTY MOUNTAINS-SAN BERNARDINO COUNTY MOUNTAINS.  
  
HIGH SURF ADVISORY UNTIL 2 PM PST TUESDAY FOR ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS.  
  
COASTAL FLOOD ADVISORY UNTIL NOON PST TODAY FOR ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS.  
  
WIND ADVISORY FROM 10 PM THIS EVENING TO 6 AM PST MONDAY FOR ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS.

PZ...SMALL CRAFT ADVISORY UNTIL 10 AM PST THIS MORNING FOR WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

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PUBLIC...MAXWELL  
AVIATION/MARINE/BEACHES...HARRISON

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NPWSGX

URGENT - WEATHER MESSAGE  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
141 PM PST SUN DEC 13 2015

...PERIODS OF STRONG GUSTY WEST WINDS IN THE MOUNTAINS AND  
DESERTS AND NEAR THE COAST TONIGHT...

.A LOW PRESSURE SYSTEM MOVING THROUGH SOUTHERN CALIFORNIA TONIGHT  
THROUGH EARLY MONDAY WILL BRING PERIODS OF STRONG GUSTY WEST  
WINDS IN THE MOUNTAINS AND DESERTS TONIGHT AND IN COASTAL AREAS  
LATE THIS EVENING AND OVERNIGHT. LOCAL GUSTS OVER 70 MPH ARE  
POSSIBLE ON THE DESERT MOUNTAIN SLOPES AND THROUGH SAN GORGONIO  
PASS.

CAZ058-065-140600-  
/O.UPG.KSGX.WI.Y.0033.151214T0000Z-151214T1400Z/  
/O.NEW.KSGX.HW.W.0005.151214T0000Z-151214T1400Z/  
SAN DIEGO COUNTY MOUNTAINS-SAN GORGONIO PASS NEAR BANNING-  
141 PM PST SUN DEC 13 2015

...HIGH WIND WARNING IN EFFECT UNTIL 6 AM PST MONDAY...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A HIGH WIND  
WARNING...WHICH IS IN EFFECT UNTIL 6 AM PST MONDAY. THE WIND  
ADVISORY IS NO LONGER IN EFFECT.

\* WINDS...AREAS OF SOUTHWEST TO WEST WINDS 20 TO 30 MPH WITH GUSTS  
TO 45 MPH DEVELOPING DURING THE LATE AFTERNOON...STRENGTHENING  
TO 25 TO 35 MPH WITH GUSTS TO 55 MPH DURING THE EVENING WITH  
LOCAL GUSTS OVER 70 MPH OVER CRESTS AND DESERT SLOPES MAINLY  
LATE THIS EVENING THROUGH 3 AM MONDAY. WINDS WILL DIMINISH  
EARLY MONDAY MORNING.

\* LOCATION...STRONGEST NEAR MOUNTAIN RIDGE TOPS AND ALONG DESERT  
MOUNTAIN SLOPES INTO ADJACENT DESERT AREAS.

\* IMPACTS...HAZARDOUS TRAVEL ALONG INTERSTATE 10 THROUGH SAN  
GORGONIO PASS AND INTERSTATE 8 THROUGH THE SAN DIEGO COUNTY  
MOUNTAINS. SOME TREE AND POWER LINE DAMAGE WILL BE POSSIBLE.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A HIGH WIND WARNING MEANS A HAZARDOUS HIGH WIND EVENT IS EXPECTED  
OR OCCURRING. SUSTAINED WIND SPEEDS OF AT LEAST 40 MPH OR GUSTS  
OF 58 MPH OR MORE CAN LEAD TO PROPERTY DAMAGE.

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CAZ062-140600-  
/O.NEW.KSGX.HW.W.0005.151214T0000Z-151214T1400Z/  
SAN DIEGO COUNTY DESERTS-  
141 PM PST SUN DEC 13 2015

...HIGH WIND WARNING IN EFFECT UNTIL 6 AM PST MONDAY...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A HIGH WIND  
WARNING...WHICH IS IN EFFECT UNTIL 6 AM PST MONDAY.

\* WINDS...SOUTHWEST TO WEST 20 TO 35 MPH WITH GUSTS TO 60 MPH.  
STRONGEST WINDS FROM LATE EVENING THROUGH ABOUT 300 AM MONDAY.  
WINDS WILL DIMINISH EARLY MONDAY MORNING.

\* LOCATION...STRONGEST WINDS NEAR THE DESERT FOOTHILLS AND EAST OF  
DESERT CANYONS.

\* IMPACTS...HAZARDOUS TRAVEL FOR HIGH-PROFILE VEHICLES. SOME TREE  
AND POWER LINE DAMAGE WILL BE POSSIBLE.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A HIGH WIND WARNING MEANS A HAZARDOUS HIGH WIND EVENT IS EXPECTED  
OR OCCURRING. SUSTAINED WIND SPEEDS OF AT LEAST 40 MPH OR GUSTS  
OF 58 MPH OR MORE CAN LEAD TO PROPERTY DAMAGE.

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CAZ055-056-060-140600-  
/O.CON.KSGX.WI.Y.0033.151214T0000Z-151214T1400Z/  
SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-  
APPLE AND LUCERNE VALLEYS-  
141 PM PST SUN DEC 13 2015

...WIND ADVISORY REMAINS IN EFFECT UNTIL 6 AM PST MONDAY...

\* WINDS...AREAS OF SOUTHWEST TO WEST WINDS 20 TO 30 MPH WITH GUSTS  
TO 45 MPH DEVELOPING DURING THE LATE AFTERNOON...STRENGTHENING  
TO 25 TO 35 MPH WITH GUSTS TO 55 MPH DURING THE EVENING THROUGH  
LATE TONIGHT. LOCAL GUSTS AROUND 60 MPH ON THE DESERT MOUNTAIN  
SLOPES. WINDS WILL DIMINISH EARLY MONDAY MORNING.

\* LOCATION...STRONGEST NEAR MOUNTAIN RIDGE TOPS AND ALONG DESERT  
MOUNTAIN SLOPES INTO ADJACENT DESERT AREAS.

\* IMPACTS...HAZARDOUS TRAVEL ALONG INTERSTATE 15 AND US 395  
THROUGH THE HIGH DESERT.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS  
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH  
PROFILE VEHICLES. USE EXTRA CAUTION.

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CAZ043-552-140600-  
/O.CON.KSGX.WI.Y.0033.151214T0600Z-151214T1400Z/  
SAN DIEGO COUNTY COASTAL AREAS-ORANGE COUNTY COASTAL AREAS-  
141 PM PST SUN DEC 13 2015

...WIND ADVISORY REMAINS IN EFFECT FROM 10 PM THIS EVENING TO  
6 AM PST MONDAY...

\* WINDS...AREAS OF WEST TO NORTHWEST WINDS 15 TO 25 MPH WITH  
GUSTS TO 40 MPH.

\* LOCATION...STRONGEST AND MOST WIDESPREAD NEAR THE COAST.

\* IMPACTS...SECURE LAWN FURNITURE AND WATCH FOR PALM FRONDS  
WHILE DRIVING.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS  
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH  
PROFILE VEHICLES. USE EXTRA CAUTION.

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FXUS66 KSGX 132154  
AFDSGX

AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
200 PM PST SUN DEC 13 2015

.SYNOPSIS... A LOW PRESSURE TROUGH WILL MOVE THROUGH THE AREA TONIGHT AND BRING A PERIOD OF RAIN TO MOST AREAS ALONG WITH AREAS OF STRONG GUSTY WINDS. SOME SNOW WILL FALL AT HIGHER ELEVATIONS. THE TROUGH WILL MOVE INLAND MONDAY AND TUESDAY...AND WEAK OFFSHORE FLOW WILL DEVELOP HERE TO BRING A RETURN TO FAIR WEATHER...BUT WITH BELOW NORMAL TEMPERATURES ALONG WITH AREAS OF FROST IN THE VALLEYS AT NIGHT. A WARMING TREND WILL OCCUR THE SECOND HALF OF THE WEEK. A PACIFIC SYSTEM COULD BRING PRECIPITATION EARLY NEXT WEEK.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

CLOUDS HAVE BEEN DEVELOPING OVER MOST AREAS THIS AFTERNOON AHEAD OF THE NEXT SYSTEM WHICH IS BRINGING RAINFALL AS FAR SOUTH AS SANTA BARBARA COUNTY...AND WINDY CONDITIONS TO PARTS OF CENTRAL/NORTHERN

CALIFORNIA. A WELL-DEFINED FRONT WITH STRONG SURFACE WINDS LIES OFF THE SAN LUIS OBISPO COUNTY COAST AND WILL MOVE RAPIDLY PAST POINT CONCEPTION LATE THIS AFTERNOON AND NEAR SAN DIEGO BY LATE EVENING.

TIME-HEIGHT HUMIDITY CROSS-SECTIONS SHOW A 2-3 HOUR PERIOD WITH THE FRONT WHEN THE NEAR-SATURATED LAYER EXTENDS FROM JUST ABOVE THE SURFACE TO A LITTLE OVER 700 MB...BUT WITH MUCH DRIER CONDITIONS ABOVE 850 MB BOTH BEFORE AND AFTER THE FRONTAL PASSAGE. HENCE...IT LOOKS LIKE A QUICK SHOT OF RAIN THIS EVENING...WITH TIMING RANGING FROM 6-9 PM OVER ORANGE COUNTY/SOUTHWESTERN SAN BERNARDINO COUNTY TO 9 PM-MIDNIGHT OVER SAN DIEGO COUNTY. PRECIP AMOUNTS SHOULD GENERALLY BE AROUND ONE-QUARTER INCH WEST OF THE MOUNTAINS...BUT SOME MOUNTAIN LOCATIONS COULD HAVE ONE-HALF TO LOCALLY ONE INCH OF RAIN. SNOW LEVELS WILL FALL WITH THE FRONT TO AROUND 4500-5000 FEET...WITH MAINLY 2-5 INCHES ABOVE 5000 FEET IN THE SAN BERNARDINO/RIVERSIDE

COUNTY MOUNTAINS. WITH RATHER TIGHT HEIGHT/TEMPERATURE GRADIENTS ALOFT...WINDS WILL BE FAIRLY STRONG IN THE MOUNTAINS/DESERTS WITH LOCAL GUSTS IN THE 60-70 MPH RANGE ON THE DESERT SLOPES AND NEAR GORGONIO PASS. WE HAVE UPGRADED THE WIND ADVISORY TO A HIGH WIND WARNING TO SOME OF THE ZONES FOR TONIGHT. MODELS SHOW A PERIOD OF STRONG WEST WINDS BEHIND THE FRONT OVER THE COASTAL WATERS...AND SOME OF THAT WIND WILL REACH THE IMMEDIATE COAST LATE TONIGHT WITH GUSTS LOCALLY AROUND 40 MPH THERE MAINLY 11 PM-4 AM. AFTER THE SYSTEM PASSES TO THE EAST MONDAY AND THE GRADIENTS WEAKEN...WINDS WILL DECREASE AND THE CLOUDS WILL MOSTLY DIMINISH. IT SHOULD BE QUITE COLD MONDAY AND TUESDAY NIGHTS...WITH AREAS OF FROST IN THE VALLEYS AND POSSIBLY THE LOWER DESERTS...AS 850MB TEMPS WILL BE NEAR 0 C...AND WINDS WILL BE LIGHT IN LOW-LYING AREAS. THE WEAK OFFSHORE FLOW FOR TUE/WED SHOULD RESULT IN LOCAL BREEZY CONDITIONS THROUGH/BELOW PASSES/CANYONS...BUT WINDS SHOULD BE BELOW WIND ADVISORY STRENGTH WITH GUSTS MOSTLY 30-35 MPH.

AN EAST-PACIFIC HIGH PRESSURE RIDGE SHOULD MOVE THROUGH CALIFORNIA AND BRING FAIR AND WARMER WEATHER THE SECOND HALF OF THE WEEK...THEN A TROUGH COULD BE DEEP ENOUGH TO BRING PRECIPITATION EARLY NEXT WEEK. ECMWF IS SLOWER BUT DEEPER WITH THE TROUGH THAN THE GFS...AND TYPICALLY THE SLOWER MODEL 7-8 DAYS IN THE FUTURE IS BETTER WITH TIMING. I HAVE INTRODUCED A 30-40 PERCENT CHANCE OF PRECIPITATION FOR MOST AREAS FOR SUNDAY IN THE AFTERNOON FORECAST.

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.AVIATION...  
122130Z...MOSTLY SCT LOW CLOUDS WEST OF THE MTNS THIS AFTERNOON INCREASING IN COVERAGE THROUGH TONIGHT. EXPECT BASES 2000-4000 FT MSL...LOCALLY 1500 FT MSL...IMPACTING COASTAL TAF SITES BETWEEN 00Z AND 09Z MON...ALONG WITH SHOWERS MOVING FROM NORTHWEST TO SOUTHEAST MAINLY OVER AND WEST OF THE MTNS AND IN THE HIGH DESERTS. EXPECT AREAS OF VIS 3-5 SM AND BASES LOWERING TO 1000-1500 FT MSL DURING SHOWERS. SHOWERS TAPERING OFF AND VFR CIGS/VIS PREVAILING AFTER 14/12Z.

SW TO W WINDS 20-30 KT WITH GUSTS 35-45 KT WILL CREATE MOD-STG UDDFS/LLWS OVER AND E OF THE MTNS THIS AFTERNOON THROUGH MON MORNING.



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.MARINE...

200 PM...ANOTHER LARGE NORTHWEST SWELL AND STRONG NORTHWEST WIND GUSTS OF 25-35 KT ARE LIKELY TONIGHT INTO EARLY TUESDAY. THE STRONG WINDS AND COMBINED SEAS OF 10-12 FT WITH STEEP WAVES WILL BE HAZARDOUS TO SMALL CRAFT. THERE IS ALSO A CHANCE OF SHOWERS TONIGHT INTO MONDAY. WINDS AND SEAS WILL LOWER ON TUESDAY. FOR ADDITIONAL DETAILS...PLEASE SEE LAXMWWSGX.

&amp;&amp;

.BEACHES...

200 PM...ANOTHER LARGE NORTHWEST SWELL WITH A SHORTER PERIOD...8 TO 13 SECONDS...WILL ARRIVE LATE TONIGHT AND CONTINUE THROUGH MONDAY BEFORE LOWERING ON TUESDAY. THIS WILL LIKELY CONTINUE THE HIGH SURF CONDITIONS AT FAVORED BEACHES. THE HIGH SURF ADVISORY FOR ORANGE AND SAN DIEGO COUNTIES REMAINS IN EFFECT THROUGH EARLY TUESDAY AFTERNOON. FOR ADDITIONAL DETAILS...PLEASE SEE LAXCFWSGX.

&amp;&amp;

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&amp;&amp;

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...HIGH WIND WARNING UNTIL 6 AM PST MONDAY FOR SAN DIEGO COUNTY DESERTS-SAN DIEGO COUNTY MOUNTAINS-SAN GORGONIO PASS NEAR BANNING.

WIND ADVISORY UNTIL 6 AM PST MONDAY FOR APPLE AND LUCERNE VALLEYS-RIVERSIDE COUNTY MOUNTAINS-SAN BERNARDINO COUNTY MOUNTAINS.

WINTER WEATHER ADVISORY FROM 6 PM THIS EVENING TO 3 AM PST MONDAY FOR RIVERSIDE COUNTY MOUNTAINS-SAN BERNARDINO COUNTY MOUNTAINS.

HIGH SURF ADVISORY UNTIL 2 PM PST TUESDAY FOR ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS.

WIND ADVISORY FROM 10 PM THIS EVENING TO 6 AM PST MONDAY FOR ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS.

PZ...SMALL CRAFT ADVISORY FROM 7 PM THIS EVENING TO 1 AM PST TUESDAY FOR COASTAL WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT TO 30 NM-WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

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PUBLIC...MAXWELL

AVIATION/MARINE/BEACHES...PG

## IOWA STATE UNIVERSITY

College of Ag  
Department of Agronomy

### Department of Agronomy

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 CAZ043-048-050-055>058-060>062-065-552-554-141542-  
  
 PUBLIC INFORMATION STATEMENT  
 NATIONAL WEATHER SERVICE SAN DIEGO CA  
 742 PM PST SUN DEC 13 2015  
  
 ...WIND REPORTS PAST 12 HOURS ...  
  

LOCATION	SPEED	TIME/DATE	ELEVATION
...COACHELLA VALLEY-INCLUDING THE PALM SPRINGS SOUTH COAST DESERT DISTRICT...			
PALM DESERT (5 S)	46 MPH	0550 PM 12/13	980 FT
...RIVERSIDE COUNTY MOUNTAINS-INCLUDING THE SAN JACINTO RANGER DISTRICT OF THE SAN BERNARDINO NATIONAL FOREST...			
MT SAN JACINTO	51 MPH	0643 PM 12/13	7000 FT
TORO PEAK	48 MPH	0525 PM 12/13	8690 FT
...SAN BERNARDINO COUNTY MOUNTAINS-INCLUDING THE MOUNTAIN TOP AND FRONT COUNTRY RANGER DISTRICTS OF THE SAN BERNARDINO NATIONAL FOREST...			
BURNS CANYON	65 MPH	0651 PM 12/13	6284 FT
HEAPS PEAK	46 MPH	0715 PM 12/13	6350 FT
...SAN DIEGO COUNTY DESERTS-INCLUDING THE ANZA BORREGO DESERT STATE PARK...			
OCOTILLO WELLS	44 MPH	0622 PM 12/13	436 FT
...SAN DIEGO COUNTY MOUNTAINS-INCLUDING THE PALOMAR AND DESCANSO RANGER DISTRICTS OF THE CLEVELAND NATIONAL FOREST...			
VOLCAN MOUNTAIN	58 MPH	0630 PM 12/13	5154 FT
HARRISON PARK	50 MPH	0620 PM 12/13	4861 FT
PALOMAR MTN (HIGH POINT LOOK	45 MPH	0616 PM 12/13	6142 FT
LUCKY FIVE RANCH	43 MPH	0610 PM 12/13	4740 FT
JULIAN (2 SE)	42 MPH	0644 PM 12/13	4487 FT
BOULEVARD WEST	41 MPH	0700 PM 12/13	3404 FT
RANCHITA (RAWS)	41 MPH	0507 PM 12/13	4415 FT
RANCHITA	41 MPH	0430 PM 12/13	4128 FT
...SAN GORGONIO PASS NEAR BANNING...			
WHITEWATER RAWS	62 MPH	0650 PM 12/13	2546 FT
WHITE WATER (2 S)	46 MPH	0105 PM 12/13	1133 FT
WHITEWATER	41 MPH	0345 PM 12/13	1510 FT
...SANTA ANA MOUNTAINS-INCLUDING THE TRABUCO RANGER DISTRICT OF THE CLEVELAND NATIONAL FOREST...			
SANTIAGO PEAK	40 MPH	0800 AM 12/13	5694 FT
...VICTOR VALLEY - APPLE VALLEY - LUCERNE VALLEY - JOHNSON VALLEY...			
HESPERIA (4 SW)	45 MPH	0344 PM 12/13	3849 FT
HESPERIA (3 SW)	44 MPH	0412 PM 12/13	3580 FT
APPLE VALLEY AIRPORT	44 MPH	0555 PM 12/13	3062 FT
LUCERNE VALLEY	41 MPH	0551 PM 12/13	3035 FT
HESPERIA (7 SW)	40 MPH	0416 PM 12/13	3979 FT
LUCERNE VALLEY	40 MPH	0548 PM 12/13	2936 FT

  
 OBSERVATIONS ARE COLLECTED FROM A VARIETY OF SOURCES WITH VARYING  
 EQUIPMENT AND EXPOSURE. NOT ALL DATA LISTED ARE CONSIDERED OFFICIAL.  
  
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 NWS SAN DIEGO CA  
 IRIS SYSTEM



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NOUS46 KSGX 140350  
PNSSGX  
CAZ043-048-050-055>058-060>062-065-552-554-141542-

PUBLIC INFORMATION STATEMENT  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
742 PM PST SUN DEC 13 2015

...WIND REPORTS PAST 12 HOURS ...

LOCATION	SPEED	TIME/DATE	ELEVATION
...COACHELLA VALLEY-INCLUDING THE PALM SPRINGS SOUTH COAST DESERT DISTRICT...			
PALM DESERT (5 S)	46 MPH	0550 PM 12/13	980 FT
...RIVERSIDE COUNTY MOUNTAINS-INCLUDING THE SAN JACINTO RANGER DISTRICT OF THE SAN BERNARDINO NATIONAL FOREST...			
MT SAN JACINTO	51 MPH	0643 PM 12/13	7000 FT
TORO PEAK	48 MPH	0525 PM 12/13	8690 FT
...SAN BERNARDINO COUNTY MOUNTAINS-INCLUDING THE MOUNTAIN TOP AND FRONT COUNTRY RANGER DISTRICTS OF THE SAN BERNARDINO NATIONAL FOREST...			
BURNS CANYON	65 MPH	0651 PM 12/13	6284 FT
HEAPS PEAK	46 MPH	0715 PM 12/13	6350 FT
...SAN DIEGO COUNTY DESERTS-INCLUDING THE ANZA BORREGO DESERT STATE PARK...			
OCOTILLO WELLS	44 MPH	0622 PM 12/13	436 FT
...SAN DIEGO COUNTY MOUNTAINS-INCLUDING THE PALOMAR AND DESCANSO RANGER DISTRICTS OF THE CLEVELAND NATIONAL FOREST...			
VOLCAN MOUNTAIN	58 MPH	0630 PM 12/13	5154 FT
HARRISON PARK	50 MPH	0620 PM 12/13	4861 FT
PALOMAR MTN (HIGH POINT LOOK	45 MPH	0616 PM 12/13	6142 FT
LUCKY FIVE RANCH	43 MPH	0610 PM 12/13	4740 FT
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RANCHITA (RAWS)	41 MPH	0507 PM 12/13	4415 FT
RANCHITA	41 MPH	0430 PM 12/13	4128 FT
...SAN GORGONIO PASS NEAR BANNING...			
WHITEWATER RAWS	62 MPH	0650 PM 12/13	2546 FT
WHITE WATER (2 S)	46 MPH	0105 PM 12/13	1133 FT
WHITEWATER	41 MPH	0345 PM 12/13	1510 FT
...SANTA ANA MOUNTAINS-INCLUDING THE TRABUCO RANGER DISTRICT OF THE CLEVELAND NATIONAL FOREST...			
SANTIAGO PEAK	40 MPH	0800 AM 12/13	5694 FT
...VICTOR VALLEY - APPLE VALLEY - LUCERNE VALLEY - JOHNSON VALLEY...			
HESPERIA (4 SW)	45 MPH	0344 PM 12/13	3849 FT
HESPERIA (3 SW)	44 MPH	0412 PM 12/13	3580 FT
APPLE VALLEY AIRPORT	44 MPH	0555 PM 12/13	3062 FT
LUCERNE VALLEY	41 MPH	0551 PM 12/13	3035 FT
HESPERIA (7 SW)	40 MPH	0416 PM 12/13	3979 FT
LUCERNE VALLEY	40 MPH	0548 PM 12/13	2936 FT
OBSERVATIONS ARE COLLECTED FROM A VARIETY OF SOURCES WITH VARYING EQUIPMENT AND EXPOSURE. NOT ALL DATA LISTED ARE CONSIDERED OFFICIAL.			
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ALBRIGHT			

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NPWSGX

URGENT - WEATHER MESSAGE  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
905 PM PST SUN DEC 13 2015

...PERIODS OF STRONG GUSTY WEST WINDS IN THE MOUNTAINS AND  
DESERTS AND NEAR THE COAST TONIGHT...

.A LOW PRESSURE SYSTEM MOVING THROUGH SOUTHERN CALIFORNIA TONIGHT  
THROUGH EARLY MONDAY WILL BRING STRONG AND GUSTY SOUTHWEST TO  
WEST WINDS IN THE MOUNTAINS AND DESERTS TONIGHT...AND NORTHWEST  
WINDS ALONG THE COAST. LOCAL GUSTS OVER 70 MPH ARE POSSIBLE ON  
THE DESERT MOUNTAIN SLOPES AND THROUGH SAN GORGONIO PASS.

CAZ058-062-065-141400-

/O.CON.KSGX.HW.W.0005.00000T0000Z-151214T1400Z/  
SAN DIEGO COUNTY MOUNTAINS-SAN DIEGO COUNTY DESERTS-  
SAN GORGONIO PASS NEAR BANNING-  
905 PM PST SUN DEC 13 2015

...HIGH WIND WARNING REMAINS IN EFFECT UNTIL 6 AM PST MONDAY...

\* WINDS...SOUTHWEST TO WEST 35 TO 45 MPH WITH GUSTS 65 TO 75 MPH.  
STRONGEST WINDS THROUGH ABOUT 3 AM MONDAY. WINDS WILL DIMINISH  
EARLY MONDAY MORNING.

\* LOCATION...STRONGEST WINDS NEAR THE DESERT FOOTHILLS AND EAST OF  
DESERT CANYONS.

\* IMPACTS...HAZARDOUS TRAVEL FOR HIGH-PROFILE VEHICLES. SOME  
DAMAGE MAY OCCUR TO SIGNAGE...TREES AND POWER LINES. REDUCED  
VISIBILITY IN BLOWING DUST AND SAND.

\* REPORTED PEAK GUSTS THROUGH 9 PM...62 MPH AT WHITEWATER...58 MPH  
AT VOLCAN MOUNTAIN...39 MPH AT BORREGO SPRINGS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A HIGH WIND WARNING MEANS A HAZARDOUS HIGH WIND EVENT IS EXPECTED  
OR OCCURRING. SUSTAINED WIND SPEEDS OF AT LEAST 40 MPH OR GUSTS  
OF 58 MPH OR MORE CAN LEAD TO PROPERTY DAMAGE.

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CAZ043-552-141400-

/O.CON.KSGX.WI.Y.0033.151214T0600Z-151214T1400Z/  
SAN DIEGO COUNTY COASTAL AREAS-ORANGE COUNTY COASTAL AREAS-  
905 PM PST SUN DEC 13 2015

...WIND ADVISORY REMAINS IN EFFECT UNTIL 6 AM PST MONDAY...

\* WINDS...AREAS OF WEST TO NORTHWEST WINDS 15 TO 25 MPH WITH  
GUSTS TO 40 MPH DEVELOPING OVERNIGHT.

\* LOCATION...STRONGEST AND MOST WIDESPREAD NEAR THE COAST.

\* IMPACTS...LOOSE OBJECTS ON PATIOS MAY BECOME AIRBORNE. DRY PALM  
FRONDS MAY BE BLOWN LOOSE...POSING A HAZARD TO PEDESTRIANS AND  
DRIVERS ALIKE.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS  
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH  
PROFILE VEHICLES. USE EXTRA CAUTION.

&&

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CAZ055-056-060-141400-

/O.CON.KSGX.WI.Y.0033.00000T0000Z-151214T1400Z/  
SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-  
APPLE AND LUCERNE VALLEYS-  
905 PM PST SUN DEC 13 2015

...WIND ADVISORY REMAINS IN EFFECT UNTIL 6 AM PST MONDAY...

\* WINDS...AREAS OF SOUTHWEST TO WEST WINDS 25 TO 35 MPH WITH GUSTS TO 55 MPH THROUGH LATE TONIGHT. LOCAL GUSTS AROUND 60 MPH ON THE DESERT MOUNTAIN SLOPES. WINDS WILL DIMINISH EARLY MONDAY MORNING.

\* LOCATION...STRONGEST NEAR MOUNTAIN RIDGE TOPS AND ALONG DESERT MOUNTAIN SLOPES INTO ADJACENT DESERT AREAS.

\* IMPACTS...HAZARDOUS TRAVEL ALONG INTERSTATE 15 AND US 395 THROUGH THE HIGH DESERT.

\* REPORTED PEAK GUSTS THROUGH 9 PM...80 MPH BURNS CANYON...50 MPH AT LUCERNE VALLEY.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

&&

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JAD

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AFDSGX

AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
921 PM PST SUN DEC 13 2015

.SYNOPSIS... A STRONG COLD FRONT WILL SWEEP THROUGH THE REGION  
OVERTNIGHT ACCOMPANIED BY GUSTY WINDS...RAIN...AND MOUNTAIN SNOW.  
FAIR AND COOLER ON MONDAY WITH FROST POSSIBLE IN THE VALLEYS MONDAY  
NIGHT. COOL AGAIN ON TUESDAY...THEN FAIR AND WARMER THROUGH THE END  
OF THE WEEK. MORE PRECIPITATION IS POSSIBLE EARLY NEXT WEEK.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE...  
SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO  
COUNTIES...

RADAR AND SFC OBSERVATIONS INDICATE RAIN AND MOUNTAIN SNOW HAVE  
SPREAD ACROSS THE FORECAST AREA SINCE 6 PM. AT 9 PM PST...SEVERAL  
PRECIP AMOUNTS OVER ONE-HALF INCH HAVE BEEN REPORTED IN THE SAN  
BERNARDINO MTS WITH THE SNOW LEVEL NEAR 6800 FT. THE WINDS HAVE BEEN  
QUITE STRONG. ONE PEAK GUST OF 80 MPH WAS LOGGED EARLIER THIS  
EVENING AT BURNS CANYON ON THE NE SLOPE OF THE SAN BERNARDINO MTS.  
WIND-PRONE DESERT SLOPES HAVE BEEN RUNNING 25-35 MPH WITH GUSTS 45  
TO 60 MPH.

A WINTER WEATHER ADVISORY IS IN EFFECT FOR THE RIVERSIDE AND SAN  
BERNARDINO COUNTY MTS THROUGH 3 AM PST FOR A FEW INCHES OF SNOW  
ACCUMULATION. PLEASE SEE LAXWSWSGX FOR DETAILS. AND A VARIETY OF  
WIND WARNINGS AND ADVISORIES COVER THE MTS...COAST...AND DESERT  
AREAS EXCEPT THE COACHELLA VALLEY BELOW THE SAN GORGONIO PASS. SEE  
LAXNPWSGX FOR DETAILS.

A LOW PRESSURE TROUGH WILL DROP SOUTH OVER THE REGION THIS EVENING  
AND THEN MORPH INTO A GIANT AREA OF LOW PRESSURE TO COVER MUCH OF  
THE WESTERN U.S. BY TUE MORNING. EXPECT THE SNOW LEVEL TO DROP  
SIGNIFICANTLY BY MIDNIGHT BEHIND THE COLD FRONT. SO WITH ADDITIONAL  
PRECIP FORECAST BY THE HIRES MODELS...SOME SNOW SHOULD ACCUMULATE  
BELOW CURRENT LEVELS. THE PRECIP WILL END BEFORE DAWN...BUT THE WIND  
WILL BE SLOWER TO DISSIPATE...ESPECIALLY OVER THE COASTAL WATERS  
WHERE GUSTS OVER 30 MPH WILL BE POSSIBLE MUCH OF THE DAY. THE COLD  
CIRCULATION ON THE BACK SIDE OF THE UPPER LOW WILL KEEP THE WEATHER  
QUITE COOL ACROSS THE SOUTHLAND THROUGH WED MORNING. SOME FROST IS  
LIKELY IN THE VALLEYS MON AND TUE NIGHTS.

A WEAK HIGH PRESSURE RIDGE WILL REPLACE THE LOW FOR THE LATTER HALF  
OF THE WEEK WITH FAIR AND WARMER WEATHER INTO THE WEEKEND.  
HOWEVER...LATE IN THE WEEKEND OR EARLY NEXT WEEK...THE MEDIUM RANGE  
GUIDANCE IS TOYING WITH ANOTHER SYSTEM FROM THE NORTH. THERE HAS  
BEEN ENOUGH CONSISTENCY WITH THE MODELS TO INCLUDE POPS IN THE  
FORECAST AT THAT TIME. LONGER RANGE HEMISPHERIC MODELS HOLD ON TO  
RIDGING OVER THE EASTPAC THROUGH ABOUT CHRISTMAS. THIS FAVORS  
TROUGHING OVER N.A. AND THE WEST PACIFIC AND DIMINISHES THE CHANCE  
FOR SYSTEMS WITH GREATER PRECIPITATION ACROSS SOCAL.

&&

.AVIATION...

140400Z...SHRA...WITH VARIABLE LOW CLOUD BASES FROM 800-  
5000 FT MSL...WILL CONTINUE SE ACROSS THE REGION THROUGH TONIGHT.  
VIS WILL LOWER AT TIMES TO 2-5 SM IN HEAVIER SHOWERS. WESTERLY WIND  
GUSTS OF 50 TO 70 KT ARE POSSIBLE OVER MTN RIDGES AND ALONG ADJACENT  
MTN SLOPES TONIGHT...WITH WINDS TAPERING MON MORNING. MOD-STG  
UDDFS/LLWS ARE POSSIBLE OVER/E OF THE MTNS THROUGH THE PERIOD. VFR  
CONDS ARE EXPECTED ONCE SHOWERS EXIT THE REGION. FORECASTER  
CONFIDENCE IS MODERATE.

&&

.MARINE...

800 PM...ANOTHER LARGE NW SWELL AND STRONG NW WIND GUSTS  
OF 25-40 KT ARE LIKELY THROUGH EARLY TUESDAY...WITH STRONGEST WINDS  
TONIGHT. COMBINED SEAS OF 8 TO 12 FT ARE EXPECTED THROUGH THE  
PERIOD. THE SMALL CREEK ADVISORY HAS BEEN UPGRADED TO A GALE  
WARNING. FOR ADDITIONAL DETAILS...PLEASE SEE LAXMWSGX. ISOLATED TO

SCATTERED SHOWERS ARE ALSO POSSIBLE THROUGH TONIGHT. WINDS AND SEAS  
WILL LOWER ON TUESDAY.

&&

.BEACHES...

800 PM...ANOTHER LARGE NW SWELL WITH A SHORT PERIOD WILL  
ARRIVE LATE TONIGHT AND CONTINUE THROUGH MONDAY...THEN LOWER  
TUESDAY. THIS WILL LIKELY CONTINUE THE HIGH SURF CONDITIONS...WITH  
SETS TO 10 FT AT FAVORED BEACHES...IN NORTHERN ORANGE COUNTY AND  
SOUTHERN SAN DIEGO COUNTY. THE HIGH SURF ADVISORY REMAINS IN EFFECT  
THROUGH EARLY TUESDAY AFTERNOON. STRONG RIP CURRENTS WILL ALSO  
CONTINUE THROUGH THE PERIOD. FOR ADDITIONAL DETAILS...PLEASE SEE  
LAXCFWSGX.

&&

.SKYWARN...  
SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE  
ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...  
CA...HIGH WIND WARNING UNTIL 6 AM PST MONDAY FOR SAN DIEGO COUNTY  
DESERTS-SAN DIEGO COUNTY MOUNTAINS-SAN GORGONIO PASS NEAR  
BANNING.

WIND ADVISORY UNTIL 6 AM PST MONDAY FOR APPLE AND LUCERNE  
VALLEYS-RIVERSIDE COUNTY MOUNTAINS-SAN BERNARDINO COUNTY  
MOUNTAINS.

WINTER WEATHER ADVISORY FROM 6 PM THIS EVENING TO 3 AM PST  
MONDAY FOR RIVERSIDE COUNTY MOUNTAINS-SAN BERNARDINO COUNTY  
MOUNTAINS.

HIGH SURF ADVISORY UNTIL 2 PM PST TUESDAY FOR ORANGE COUNTY  
COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS.

WIND ADVISORY FROM 10 PM THIS EVENING TO 6 AM PST MONDAY FOR  
ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS.

PZ...SMALL CRAFT ADVISORY FROM 7 PM THIS EVENING TO 1 AM PST TUESDAY  
FOR COASTAL WATERS FROM SAN MATEO POINT TO THE MEXICAN  
BORDER AND OUT TO 30 NM-WATERS FROM SAN MATEO POINT TO THE  
MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN  
CLEMENTE ISLAND.

&&

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PUBLIC...JAD  
AVIATION/MARINE/BEACHES...JJT

## IOWA STATE UNIVERSITY

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FXUS65 KPSR 140424  
AFDPSR

AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE PHOENIX AZ  
924 PM MST SUN DEC 13 2015

.SYNOPSIS...

A FAST MOVING STORM SYSTEM WILL BRING DESERT RAIN AND MOUNTAIN SNOW SHOWERS TO MOST OF THE REGION ON MONDAY. BEHIND THIS SYSTEM...VERY COLD AIR WILL SETTLE OVER THE AREA WITH SUB-FREEZING TEMPERATURES LIKELY LATER THIS WEEK. DRY AND COLD WEATHER WILL PERSIST INTO THE WEEKEND.

&&

.DISCUSSION

COLD FRONT ACROSS SOUTHERN CA IS DROPPING RAPIDLY SOUTHWARD AND WILL MOVE EASTWARD ACROSS THE FORECAST AREA EARLY MONDAY MORNING. LATEST SATELLITE IMAGERY SHOWS STRATOCU INCREASING IN COVERAGE AHEAD OF THE FRONT. THE COLD FRONT IS ASSOCIATED WITH A WELL-DEVELOPED LOW PRESSURE SYSTEM ACROSS THE GREAT BASIN. WINDS ACROSS THE PHOENIX AREA THIS AFTERNOON WERE ACTUALLY SOUTHERLY THIS AFTERNOON...A REFLECTION OF THE CYCLONIC FLOW ACROSS THE WESTERN STATES EVIDENT EVEN IN THE LOWER LEVELS. EARLIER CHANGES TO INCREASE THE POPS WERE PRUDENT AND THE FORECAST IS IN GOOD SHAPE. ONLY MINOR ADJUSTMENTS TO THE SHORT-TERM TEMPERATURES AND DEWPOINTS WERE NEEDED THIS EVENING.

&&

.PREVIOUS DISCUSSION...

EARLY AFTERNOON WATER VAPOR IMAGERY CONTINUES TO REVEAL LONGWAVE TROUGHING ACROSS THE WEST COAST...WITH A FAST MOVING SHORTWAVE MAKING ITS WAY THROUGH NORTHERN CALIFORNIA. HIGH CLOUDS AHEAD OF THIS TROUGH HAVE STARTED INTRUDING INTO SOUTHEAST CALIFORNIA BUT THE REST OF THE REGION REMAINED MOSTLY SUNNY. TEMPS STRUGGLED TO CLIMB MUCH ABOVE THE VALUES THAT WERE SEEN YESTERDAY WITH 21Z TEMPS GENERALLY SITTING IN THE LOW/MID 50S.

THE AFOREMENTIONED TROUGH WILL MOVE INLAND TONIGHT AND DIP SOUTHWARD. OPERATIONAL AND ENSEMBLE GUIDANCE IS NOW DEPICTING A WETTER SOLUTION THAN PREVIOUS RUNS HAD INDICATED AND SOME CHANGES HAVE BEEN MADE TO THE FORECAST. A NARROW BAND OF FRONTOGENETICAL FORCING CO-LOCATED WITHIN AN AXIS OF MODEST MID LEVEL MOISTURE ADVECTION SHOULD BE MORE THAN SUFFICIENT TO SQUEEZE OUT SOME DESERT RAIN AND MOUNTAIN SNOW SHOWERS TOMORROW. AREAS IMMEDIATELY DOWNWIND OF THE COASTAL MOUNTAINS WILL LIKELY MISS OUT GIVEN RAIN SHADOW CONSIDERATIONS...LIKEWISE AREAS ACROSS YUMA COUNTY AND FAR SOUTHWEST MARICOPA COUNTY MAY BE LEFT OUT AS WELL GIVEN VERY WEAK FORCING THAT FAR SOUTH. DETERMINING THE EXACT TIMING IS A BIT OF A CHALLENGE BUT THE CONSENSUS SUGGESTS SHOWERS SHOULD BEGIN ACROSS SOUTHWEST ARIZONA LATE TONIGHT /AFTER MIDNIGHT/ AND ARRIVE IN THE PHOENIX AREA AROUND DAYBREAK /RIGHT AROUND THE MORNING RUSH/. PRECIP WILL RAPIDLY PUSH EASTWARD INTO THE MOUNTAINS WHERE SNOW LEVELS SHOULD FALL TO 4500-5000FT. UNLIKE YESTERDAY...THIS TROUGH WILL BE MOVING CONSIDERABLY FASTER AND THERE SHOULD BE LESS TIME FOR SNOW TO ACCUMULATE. WPC AND QPF CONSENSUS SHOWS AROUND 2 INCHES OF SNOW IN THE HIGHEST ELEVATIONS EAST OF PHOENIX. NOT GOING TO ISSUE ANY WINTER WEATHER PRODUCTS AS A RESULT AS THE HEAVIEST ACCUMS WILL BE ABOVE ALL POPULATION CENTERS AND MOUNTAIN PASSES. DESERT RAINFALL AMOUNTS WILL ALSO BE ON THE LIGHT SIDE...A TENTH TO A QUARTER OF AN INCH.

BEHIND THIS TROUGH...VERY COLD AND DRY AIR /LIKELY THE COLDEST OF THE SEASON SO FAR/ WILL SETTLE OVER THE REGION...RESULTING IN A SERIES OF FREEZING OR SUB FREEZING MORNING TEMPERATURES. THE HEAVILY URBANIZED AREAS OF PHOENIX WILL LIKELY STAY ABOVE FREEZING DURING THIS EVENT ALTHOUGH THE COLDER OUTLYING LOCATIONS SHOULD SEE FREEZING TEMPS /IF NOT TEMPS IN THE 20S/ AT TIMES LATER THIS WEEK. BLENDED CONSENSUS GUIDANCE POINTS TO WEDNESDAY AND THURSDAY AS THE COLDEST MORNINGS...TUESDAY IS A BIT MORE UNCERTAIN GIVEN LINGERING CLOUD COVER AND ELEVATED WINDS FROM THE DEPARTING TROUGH. PROTECTED AREAS COULD SEE SUB FREEZING LOWS BUT THEY SHOULD NOT BE WIDESPREAD. GOING TO MAINTAIN THE MESSAGING VIA SPECIAL WEATHER STATEMENTS AND GRAPHICS ALTHOUGH FREEZE WATCHES ARE A POSSIBILITY.

EVENTUALLY THE COLD AIR WILL BE REPLACED BY A SLIGHTLY WARMER AIRMASS /TEMPS RETURNING TO NORMAL/ LATE IN THE WEEK INTO THE FIRST HALF OF THE WEEKEND AS UPPER LEVEL FLOW TURNS SOUTHERLY. HOWEVER...THIS WILL



ALSO USHER IN QUITE A BIT OF MOISTURE TO THE AREA COURTESY OF A DEEPENING TROUGH OFF THE WEST COAST. NOT SURPRISINGLY THERE ARE SOME DIFFERENCES BETWEEN THE OPERATIONAL LONG-RANGE MODELS 7-8 DAYS IN ADVANCE BUT AT THE SAME TIME...NAEFS AND SEVERAL OF THE GEFS MEMBERS AGREE THAT A SUBTROPICAL PATTERN SHIFT APPEARS POSSIBLE IN THE NOT TOO DISTANT FUTURE. POPS WERE INCREASED FOR NEXT SUNDAY/SUNDAY NIGHT ACCORDINGLY.

&&

.AVIATION...  
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...

LIGHT WINDS FAVORING SOUTHEAST DIRECTIONS WILL CONTINUE THE REST OF THE AFTERNOON AND FOR MOST OF THE NIGHT. A COLD FRONT...EXTENDING FROM NORTHWEST NEVADA THROUGH CENTRAL CALIFORNIA AS OF 21Z...WILL MOVE THROUGH THE PHOENIX AREA BETWEEN 12Z-18Z MONDAY. EXPECT SCT-NMRS LIGHT SHOWERS FOR A FEW HOURS. DURING FROPA ANTICIPATE CIGS LOWERING TO FL040-060. VSBYS MAY BRIEFLY DIP BELOW 6SM. SOUTHWEST AND WEST SURFACE WINDS WILL DEVELOP AFTER 12Z. EXPECT MOSTLY CLEAR SKIES AFTER 18Z OVER THE PHOENIX AREA...LINGERING CIGS AND SHOWERS OVER HIGHER TERRAIN FURTHER EAST.

SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...

LIGHT WINDS FAVORING SOUTHERLY DIRECTIONS WILL CONTINUE THE REST OF THE AFTERNOON BEFORE TRANSITIONING TO SOUTHWEST AND WEST TONIGHT. A COLD FRONT...EXTENDING FROM NORTHWEST NEVADA THROUGH CENTRAL CALIFORNIA AS OF 21Z...WILL MOVE THROUGH SOUTHEAST CALIFORNIA AND REACH THE LOWER COLORADO RIVER VALLEY BY 09Z MONDAY. EXPECT SCT LIGHT SHOWERS FOR A COUPLE OF HOURS...MAINLY NORTH OF INTERSTATE 10. DURING FROPA ANTICIPATE CIGS LOWERING TO FL040-060. VSBYS MAY BRIEFLY DIP BELOW 6SM IN SHOWERS. SOUTHWEST AND WEST SURFACE WINDS MAY GUST TO 25-30 KTS AFTER 07Z. EXPECT CLEARING FROM WEST TO EAST AFTER 12Z.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...  
TUESDAY THROUGH SATURDAY...  
A DEEP AND COLD AREA OF LOW PRESSURE WILL BRING VERY COOL TEMPERATURES TO THE AREA TUESDAY THROUGH THURSDAY WITH HIGH TEMPERATURES WELL BELOW SEASONAL NORMALS AND FREEZING TEMPERATURES POSSIBLE OVER MANY OF THE LOWER DESERTS. IT WILL BE DRY HOWEVER WITH SKIES MOSTLY CLEAR FOR THE MOST PART. MUCH WARMER TEMPERATURES WILL FOLLOW FRIDAY INTO THE WEEKEND AS STRONGER HIGH PRESSURE ALOFT BUILDS INTO THE AREA FROM THE WEST. HUMIDITIES ACROSS SOUTH CENTRAL ARIZONA WILL STAY ELEVATED THROUGH THURSDAY WITH MOST LOCATIONS BETWEEN 25 AND 35 PERCENT...WHILE THE WESTERN DESERTS GRADUALLY FALL INTO THE UPPER TEENS. HUMIDITIES LOWER STEADILY OVER SOUTH CENTRAL ARIZONA FRIDAY INTO SATURDAY BUT STAY ABOVE 20 PERCENT FOR THE MOST PART. WINDS WILL BE GENERALLY LIGHT THROUGH THE 5 DAY PERIOD...ALTHOUGH THERE WILL BE PERIODS OF BREEZY NORTH WINDS OVER THE WESTERN DESERTS TUESDAY AND WEDNESDAY ESPECIALLY DOWN THE LOWER COLORADO RIVER VALLEY.

&&

.SPOTTER INFORMATION STATEMENT...  
SPOTTERS ARE ENCOURAGED TO REPORT BASED ON STANDARD OPERATING PROCEDURES.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...  
AZ...NONE.  
CA...NONE.  
&&

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...HIRSCH  
PREVIOUS DISCUSSION...LEINS  
AVIATION...CB  
FIRE WEATHER...AJ

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WMUS76 KSGX 140958  
NPWSGX

URGENT - WEATHER MESSAGE  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
158 AM PST MON DEC 14 2015

...PERIODS OF STRONG GUSTY WEST WINDS IN THE MOUNTAINS AND  
DESERTS AND NEAR THE COAST TONIGHT...

.A LOW PRESSURE SYSTEM MOVING THROUGH SOUTHERN CALIFORNIA TODAY WILL  
BRING STRONG AND GUSTY WEST TO NORTHWEST WINDS IN THE  
MOUNTAINS...DESERTS...AND COASTAL AREAS THROUGH THE EARLY  
AFTERNOON. LOCAL GUSTS OVER 60 MPH ARE POSSIBLE ON THE DESERT  
MOUNTAIN SLOPES AND THROUGH SAN GORGONIO PASS. WINDS WILL BE  
STRONGEST EARLY THIS MORNING...THEN WEAKEN THROUGH THE AFTERNOON.

CAZ058-062-065-142100-  
/O.EXT.KSGX.HW.W.0005.00000T0000Z-151214T2100Z/  
SAN DIEGO COUNTY MOUNTAINS-SAN DIEGO COUNTY DESERTS-  
SAN GORGONIO PASS NEAR BANNING-  
158 AM PST MON DEC 14 2015

...HIGH WIND WARNING NOW IN EFFECT UNTIL 1 PM PST THIS  
AFTERNOON...

\* WINDS...WEST 35 TO 45 MPH WITH GUSTS 55 TO 65 MPH. STRONGEST  
WINDS THROUGH ABOUT 3 AM. WINDS WILL DIMINISH EARLY THIS  
AFTERNOON.

\* LOCATION...STRONGEST WINDS NEAR THE RIDGES...DESERT FOOTHILLS  
AND BELOW THE SAN GORGONIO PASS.

\* IMPACTS...HAZARDOUS TRAVEL FOR HIGH-PROFILE VEHICLES. SOME  
DAMAGE MAY OCCUR TO SIGNAGE...TREES AND POWER LINES. REDUCED  
VISIBILITY IN BLOWING DUST AND SAND.

\* REPORTED PEAK GUSTS THROUGH 2 AM...62 MPH AT WHITEWATER... 71 MPH  
AT VOLCAN MOUNTAIN...59 MPH AT BORREGO SPRINGS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A HIGH WIND WARNING MEANS A HAZARDOUS HIGH WIND EVENT IS EXPECTED  
OR OCCURRING. SUSTAINED WIND SPEEDS OF AT LEAST 40 MPH OR GUSTS  
OF 58 MPH OR MORE CAN LEAD TO PROPERTY DAMAGE.

&&

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CAZ061-142100-  
/O.EXB.KSGX.WI.Y.0033.00000T0000Z-151214T2100Z/  
COACHELLA VALLEY-  
158 AM PST MON DEC 14 2015

...WIND ADVISORY IN EFFECT UNTIL 1 PM PST THIS AFTERNOON...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A WIND  
ADVISORY...WHICH IS IN EFFECT UNTIL 1 PM PST THIS AFTERNOON.

\* WINDS...AREAS OF WEST TO NORTHWEST WINDS 25 TO 35 MPH WITH GUSTS  
TO 50 MPH THROUGH EARLY THIS AFTERNOON.

\* LOCATION...STRONGEST NEAR THE FOOTHILLS AND OVER EASTERN  
PORTIONS OF THE VALLEY.

\* IMPACTS...HAZARDOUS TRAVEL ALONG INTERSTATE 10 AND HIGHWAYS 111  
AND 86. MINOR DAMAGE TO TREES AND UNSECURED OUTDOOR OBJECTS POSSIBLE.

\* REPORTED PEAK GUSTS THROUGH 2 AM...55 MPH AT THERMAL AIRPORT.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS  
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH  
PROFILE VEHICLES. USE EXTRA CAUTION.

&&

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CAZ043-552-142100-  
/O.EXT.KSGX.WI.Y.0033.000000T0000Z-151214T2100Z/  
SAN DIEGO COUNTY COASTAL AREAS-ORANGE COUNTY COASTAL AREAS-  
158 AM PST MON DEC 14 2015

...WIND ADVISORY NOW IN EFFECT UNTIL 1 PM PST THIS AFTERNOON...

\* WINDS...AREAS OF WEST TO NORTHWEST WINDS 15 TO 25 MPH WITH GUSTS  
TO 40 MPH THROUGH EARLY THIS AFTERNOON.

\* LOCATION...STRONGEST AND MOST WIDESPREAD NEAR THE IMMEDIATE COAST.

\* IMPACTS...LOOSE OBJECTS ON PATIOS MAY BECOME AIRBORNE. DRY PALM  
FRONDS MAY BE BLOWN LOOSE.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS  
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH  
PROFILE VEHICLES. USE EXTRA CAUTION.

&&

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CAZ055-056-060-142100-  
/O.EXT.KSGX.WI.Y.0033.000000T0000Z-151214T2100Z/  
SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-  
APPLE AND LUCERNE VALLEYS-  
158 AM PST MON DEC 14 2015

...WIND ADVISORY NOW IN EFFECT UNTIL 1 PM PST THIS AFTERNOON...

\* WINDS...AREAS OF SOUTHWEST TO WEST WINDS 25 TO 35 MPH WITH GUSTS  
45 TO 55 MPH THROUGH THROUGH EARLY THIS AFTERNOON.

\* LOCATION...STRONGEST NEAR MOUNTAIN RIDGE TOPS AND ALONG DESERT  
MOUNTAIN SLOPES INTO ADJACENT DESERT AREAS.

\* IMPACTS...HAZARDOUS TRAVEL ALONG INTERSTATE 15 AND US 395  
THROUGH THE HIGH DESERT.

\* REPORTED PEAK GUSTS THROUGH 9 PM...80 MPH BURNS CANYON...50  
MPH AT LUCERNE VALLEY.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS  
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH  
PROFILE VEHICLES. USE EXTRA CAUTION.

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SS

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AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
300 AM PST MON DEC 14 2015

.SYNOPSIS...SHOWERS DIMINISHING THIS MORNING WITH BREEZY CONDITIONS CONTINUING INTO THE EARLY AFTERNOON AS A COLD FRONT DEPARTS THE REGION. COOLER TODAY AND TUESDAY WITH FROST POSSIBLE IN THE VALLEYS EACH NIGHT. THEN FAIR AND WARMER THROUGH THE END OF THE WEEK. MORE PRECIPITATION IS POSSIBLE EARLY NEXT WEEK.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

SHOWERS ARE DEPARTING THIS MORNING JUST AS QUICKLY AS THE CAME. ASIDE FROM A FEW STRAY LIGHT SHOWERS...ONE MOVING OFF THE SAN BERNARDINO MOUNTAINS INTO THE NORTHERN COACHELLA VALLEY AND A COUPLE OVER SAN DIEGO COUNTY...PRECIP LOOKS TO BE OVER. THERE ARE SOME POST FRONTAL SHOWERS COMING AROUND POINT CONCEPTION...HOWEVER LOW TO MID LEVEL FLOW HAS QUITE A NORTHERLY COMPONENT...SO IT APPEARS THESE SHOWERS AND ANY THAT DEVELOP BEHIND THEM WILL REMAIN JUST WEST OF THE FORECAST AREA THROUGH THE AFTERNOON.

STORY FOR TODAY IS JUST BREEZY AND COOL WITH CLEARING SKIES. WINDS ARE CURRENTLY PEAKING AND SHOULD SLOWLY TREND DOWNWARD THROUGH THE MORNING. HIGH WIND WARNINGS AND WIND ADVISORIES HAVE BEEN EXTENDED THROUGH 1 PM THIS AFTERNOON. COLD NORTH TO NORTHEAST FLOW BEHIND THE DEPARTING LOW WILL KEEP HIGH TEMPS 5 TO 15 DEGREES BELOW NORMAL. LOCAL GUSTY OFFSHORE WINDS WILL DEVELOP TONIGHT AND TUESDAY NIGHT...MAINLY BELOW THE WIND PRONE PASSES AND CANYONS. AREAS OF FROST LIKELY TO DEVELOP IN THE WIND SHELTERED VALLEYS EACH NIGHT THROUGH WED MORNING.

GRADUAL WARMING AND FAIR TAKES PLACE WED THROUGH FRIDAY UNDER A BUILDING RIDGE AND WEAKER OFFSHORE FLOW. A COOLING TREND WILL BEGIN OVER THE WEEKEND AS ANOTHER TROUGH BEGINS TO DIG OFF THE WEST COAST. MEDIUM RANGE MODELS ARE STILL STRUGGLING WITH THE EVOLUTION OF THIS TROUGH AND THE INDIVIDUAL SHORT WAVES PASSING THROUGH CA. AT THIS TIME LOOKS LIKE BEST CHANCE OF PRECIP WILL BE DURING THE DAY SUNDAY AS THE FIRST WAVE MOVES THROUGH. MODEL SOLUTIONS REALLY BEGIN TO DIVERGE BEYOND THAT TIME AND IT IS HARD TO SAY WHEN THE NEXT WAVE WILL HIT AND HOW MUCH PRECIP WE WILL SEE OUT OF IT. FOR THE MOST PART EXPECT COOL AND UNSETTLED WEATHER TO CONTINUE EARLY NEXT WEEK.

&&

.AVIATION...  
141000Z...SKIES WILL CONTINUE TO CLEAR FROM NORTHWEST TO SOUTHEAST THIS MORNING. IN SAN DIEGO COUNTY RESIDUAL BROKEN CLOUDS AT AROUND 4000 FEET MSL WILL SCATTER OUT THIS MORNING. SOME CLOUDS WILL CONTINUE BANKED UP AGAINST THE MOUNTAINS MOST OF THE DAY...OTHERWISE SKIES WILL BE MOSTLY CLEAR THROUGH TONIGHT. STRONG WESTERLY WINDS WILL PRODUCE AREAS OF BLOWING DUST IN THE DESERT WITH BRIEFLY LOCALIZED VIS AS LOW AS 1SM THIS MORNING. THE WINDS WILL ALSO PRODUCE A ROTOR IN VICINITY OF KPSP...AND POSSIBLY ANYWHERE JUST EAST OF MOUNTAINS. WINDS WILL DIMINISH DURING THE DAY.

&&

.MARINE...  
200 AM...GALE FORCE WINDS AND INCREASING NORTHWEST SWELL WILL CREATE HAZARDOUS BOATING CONDITIONS TODAY AND TONIGHT ACROSS THE COASTAL WATERS. THE GALE WARNING CONTAINS THE DETAILS...LAXMWSGX. WINDS WILL DECREASE TONIGHT AND SEAS WILL MORE GRADUALLY DIMINISH TONIGHT AND TUESDAY. NO ADDITIONAL HAZARDOUS MARINE WEATHER IS EXPECTED TUESDAY THROUGH FRIDAY.

&&

.BEACHES...  
200 AM...A LARGE NORTHWEST SWELL WILL BRING HIGH SURF AND STRONG RIP CURRENTS TO THE BEACHES TODAY AND TONIGHT. FOR DETAILS...CHECK THE HIGH SURF ADVISORY...LAXCFWSGX AND THE SURF FORECAST...LAXSRFSGX.

&&  
.  
SKYWARN...  
SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE  
ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&  
.  
SGX WATCHES/WARNINGS/ADVISORIES...  
CA...WIND ADVISORY UNTIL 1 PM PST THIS AFTERNOON FOR APPLE AND  
LUCERNE VALLEYS-COACHELLA VALLEY-ORANGE COUNTY COASTAL  
AREAS-RIVERSIDE COUNTY MOUNTAINS-SAN BERNARDINO COUNTY  
MOUNTAINS-SAN DIEGO COUNTY COASTAL AREAS.  
  
HIGH WIND WARNING UNTIL 1 PM PST THIS AFTERNOON FOR SAN DIEGO  
COUNTY DESERTS-SAN DIEGO COUNTY MOUNTAINS-SAN GORGONIO PASS  
NEAR BANNING.  
  
HIGH SURF ADVISORY UNTIL 2 PM PST TUESDAY FOR ORANGE COUNTY  
COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS.

PZ...GALE WARNING UNTIL 4 AM PST TUESDAY FOR COASTAL WATERS FROM SAN  
MATEO POINT TO THE MEXICAN BORDER AND OUT TO 30 NM-WATERS  
FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO  
60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

&&  
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PUBLIC...SS  
AVIATION/MARINE/BEACHES...MM

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FXUS65 KPSR 141039  
AFDPSR

AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE PHOENIX AZ  
340 AM MST MON DEC 14 2015

.UPDATE...AVIATION AND FIRE WEATHER DISCUSSIONS.

&&

.SYNOPSIS... A FAST MOVING STORM SYSTEM WILL BRING DESERT RAIN AND MOUNTAIN SNOW SHOWERS TO MOST OF THE REGION TODAY. BEHIND THIS SYSTEM VERY COLD AIR WILL SETTLE OVER THE AREA...WITH WELL BELOW NORMAL HIGH TEMPERATURES AND SUB-FREEZING LOW TEMPERATURES LIKELY FOR MUCH OF THIS WEEK. DRY AND COLD WEATHER WILL PERSIST INTO THE WEEKEND.

&&

.DISCUSSION... AT 3 AM THIS MORNING...A DEEP...COLD AND PROGRESSIVE UPPER TROF WITH A WELL DEFINED SURFACE COLD FRONT CONTINUED TO PUSH EAST AND ACROSS THE DESERT SOUTHWEST WITH THE SURFACE FRONT APPROACHING THE LOWER CO RIVER VALLEY AS SEEN IN THE IR IMAGERY. SYSTEM HAS 180M+ 500MB HEIGHT FALLS...AND CORE THICKNESS VALUES BELOW 534DM...WHICH WILL BRING WIDESPREAD SHOWERS TO THE CENTRAL DESERTS TODAY AS WELL AS VERY COOL TEMPERATURES WHICH ARE EXPECTED TO FALL INTO THE LOW TO MID 50S OVER THE COOLER CENTRAL DESERTS. CURRENT RADAR SHOWED SCATTERED SHOWERS MOVING INTO THE WESTERN AZ DESERTS...MOST NUMEROUS OVER LA PAZ COUNTY...AND AS THE FRONT MOVES EAST THIS MORNING THE SHOWERS WILL BECOME CATEGORICAL ACROSS SOUTH CENTRAL AZ...SPREADING INTO THE GREATER PHOENIX AREA SHORTLY AFTER SUNRISE TODAY. THIS WILL BE A FAST MOVING COLD FRONT...AND BY AFTERNOON THE BULK OF THE PRECIP SHOULD BE FOCUSED OVER THE HIGHER TERRAIN EAST OF PHOENIX WITH LINGERING LIGHT SCATTERED SHOWERS PRESENT ACROSS PORTIONS OF MARICOPA COUNTY...AND SKIES BECOMING MOSTLY SUNNY OVER SERN CA AND THE SOUTHWEST AZ DESERTS.

PRECIP WILL BE LIGHT WITH THIS SYSTEM PARTLY DUE TO THE RELATIVELY LOW PWAT VALUES ASSOCIATED WITH IT. LATEST BLENDED TOTAL PWAT SATELLITE IMAGERY SHOWED LESS THAN ONE HALF INCH AMOUNTS OVER THE AREA...AND MODEL FORECASTS SHOW PWAT ONLY AROUND 0.6 INCHES AS THE FRONT MOVES ACROSS THE AREA TODAY. MOST LOCATIONS OVER SOUTH CENTRAL AZ WILL SEE LESS THAN 0.2 INCHES OF RAIN WITH AMOUNTS OVER ONE QUARTER INCH POSSIBLE OVER THE HIGHER TERRAIN OF SOUTHERN GILA COUNTY WHERE OROGRAPHICS/UPSLOPE CAN PLAY A BIT OF A ROLE IN ENHANCING QPE VALUES.

BY EARLY THIS EVENING THE COLD FRONT WILL BE WELL EAST OF THE GREATER PHOENIX AREA AND THERE WILL DECREASING CHANCES OF RAIN AND HIGHER ELEVATION SNOW OVER SOUTHERN GILA COUNTY WITH SKIES BECOMING PARTLY CLOUDY TO MOSTLY CLEAR AFTER MIDNIGHT. EXPECT THE LOWER DESERTS TO BE MOSTLY CLEAR BY EARLY TUESDAY MORNING WITH LIGHT WINDS AND COLD OVERNIGHT TEMPS. TUESDAY WILL LIKELY BE THE COLDEST DAY OF THE WEEK WITH HIGHS IN THE CENTRAL DESERTS RANGING FROM THE UPPER 40S TO MID 50S. PHOENIX IS FORECAST TO REACH JUST 52 DEGREES ON TUESDAY...COMPARED TO THE NORMAL HIGH OF 66 DEGREES.

FOR THE BULK OF THE WORK WEEK A COLD BUT DRY AIRMASS WILL LINGER OVER ARIZONA KEEPING HIGH TEMPERATURES WELL BELOW SEASONAL NORMALS...AND ALLOWING THE LOWER DESERTS TO BECOME QUITE COLD. FREEZING TEMPERATURES ARE LIKELY ACROSS PORTIONS OF THE DESERTS ESPECIALLY THE COLDER OUTLYING LOCATIONS TUESDAY THROUGH THURSDAY MORNING WITH THE COLDEST TEMPERATURES LIKELY TO BE SEEN ON WEDNESDAY MORNING. WITH PHOENIX SKY HARBOR FORECAST TO FALL TO 34 DEGREES WED MORNING IT IS LIKELY THAT SUBFREEZING TEMPERATURES WILL OCCUR OVER MANY COLDER OUTLYING AREAS. SIMILARLY COLD TEMPS ARE EXPECTED THURSDAY MORNING AS WELL. FOR NOW WE WILL CONTINUE TO ISSUE SPECIAL WEATHER STATEMENTS HIGHLIGHTING THE FREEZE POTENTIAL...AND FREEZE WARNINGS MAY BE ISSUED WITHIN THE NEXT 12-24 HOURS FOR MANY OF THE LOWER AZ DESERTS.

FRIDAY INTO THE FIRST PART OF THE WEEKEND...HIGH PRESSURE ALOFT WILL BUILD ACROSS THE DESERT SOUTHWEST LEADING TO DRY CONDITIONS AND WARMER HIGH TEMPERATURES. HIGHS FRIDAY WILL REACH INTO THE MID 60S OVER MOST OF THE DESERTS...AND THEY WILL CLIMB FURTHER AND INTO THE UPPER 60S TO AROUND 70 ON SATURDAY. INCREASING HIGH CLOUDS ARE EXPECTED SATURDAY FOR PARTLY SUNNY SKIES.

ANOTHER CHANGE IN THE WEATHER PATTERN IS EXPECTED STARTING SUNDAY AS ANOTHER PACIFIC LOW PRESSURE SYSTEM IS FORECAST TO MOVE INTO THE DESERT SOUTHWEST BRINGING INCREASING CLOUDS...MOISTURE AND A SLIGHT CHANCE FOR SHOWERS OVER SERN CA AND SOUTHWEST AZ BY SUNDAY AFTERNOON. THIS IS SUPPORTED BY NAEFS ENSEMBLE GUIDANCE AS WELL AS LATEST GFS AND ECMWF OPERATIONAL RUNS. COOLER...WET AND UNSETTLED CONDITIONS WILL PERSIST INTO THE MIDDLE OF NEXT WEEK.

&&

.AVIATION... SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...

THROUGH 19Z MON...COLD FRONTAL PASSAGE ARND 16Z MON. BKN CLDS 4-6 THSD AGL WITH SCT RAIN SHWRS. SE WIND 6 TO 10 KNOTS...SHIFTING TO THE WEST 15 TO 25 KNOTS WI FRONTAL PASSAGE. FROM 19Z MON TO 02Z TUE...CLDS LIFTING TO BKN 6-7 THSD AGL WITH ISOLD R SHWR. WEST WIND 15 TO 25 KNOTS.

SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...

THROUGH 16Z MON...COLD FRONTAL PASSAGE. BKN CLDS 6-8 THSD AGL WITH ISOLATED R SHWR. WEST WIND 15 TO 25 KNOTS. FROM 16Z MON TO 02Z TUE...SCT CLDS 6 TO 8 THSD AGL. NW WND 15 TO 20 KNOTS.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER... WEDNESDAY THROUGH SUNDAY...

DRY WEST TO NORTHWEST FLOW ALOFT. PARTLY CLOUDY AT TIMES. LIGHT NORTHEAST WIND 5 TO 10 MPH. MINIMUM RELATIVE HUMIDITY GENERALLY FROM 20 TO 30 PERCENT. BELOW NORMAL TEMPERATURES WEDNESDAY AND THURSDAY... WARMING TO NEAR NORMAL FRIDAY AND THE WEEKEND.

&&

.SPOTTER INFORMATION STATEMENT...  
SPOTTERS ARE ENCOURAGED TO REPORT BASED ON STANDARD OPERATING PROCEDURES.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...

AZ...NONE.

CA...NONE.

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...CB

AVIATION...VASQUEZ

FIRE WEATHER...VASQUEZ

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SPSPSR

SPECIAL WEATHER STATEMENT  
NATIONAL WEATHER SERVICE PHOENIX AZ  
419 AM MST MON DEC 14 2015

AZZ021>023-026>028-142300-  
WEST CENTRAL DESERTS-NORTHWEST MARICOPA COUNTY-GREATER PHOENIX AREA-  
SOUTHWEST DESERTS-SOUTHWEST MARICOPA COUNTY-  
NORTHWEST AND NORTH CENTRAL PINAL COUNTY-  
INCLUDING THE CITIES OF...BOUSE...QUARTZSITE...SALOME...BUCKEYE...  
LAKE PLEASANT...MORRISTOWN...NEW RIVER...TONOPAH...WICKENBURG...  
CAREFREE...CAVE CREEK...CHANDLER...FOUNTAIN HILLS...GILBERT...  
GLENDALE...MESA...PEORIA...PHOENIX...SCOTTSDALE...SUN CITY...TEMPE...  
DATELAND...TACNA...WELLTON...GILA BEND...APACHE JUNCTION...  
CASA GRANDE...COOLIDGE...FLORENCE  
419 AM MST MON DEC 14 2015

...WIDESPREAD FREEZING TEMPERATURES POSSIBLE FOR THE SOUTHWEST AND  
SOUTH CENTRAL ARIZONA DESERTS TUESDAY THROUGH THURSDAY MORNINGS...

A DEEP AND COLD LOW PRESSURE SYSTEM WILL BRING SHOWERS TO MUCH OF  
SOUTHWEST AND SOUTH CENTRAL ARIZONA TODAY...AND THEN LEAVE BEHIND A  
VERY DRY AND COLD AIRMASS. AS A RESULT THE COLDEST TEMPERATURES OF  
THE SEASON ARE EXPECTED STARTING TUESDAY MORNING AND CONTINUING  
THROUGH THURSDAY MORNING. THERE IS THE POTENTIAL FOR WIDESPREAD  
FREEZING TEMPERATURES ON THE DESERTS...INCLUDING THE GREATER PHOENIX  
METROPOLITAN AREA...EACH DAY WITH THE COLDEST MORNING LOWS LIKELY TO  
OCCUR WEDNESDAY MORNING.

DETAILS OF THIS WEATHER SYSTEM WILL BE MONITORED IN THE EVENT FREEZE  
WARNINGS ARE NEEDED FOR TUESDAY...WEDNESDAY...AND THURSDAY MORNINGS.

THINGS TO CONSIDER DURING COLD EPISODES ARE...COVER SENSITIVE  
PLANTS...PROTECT PIPES AND IRRIGATION SYSTEMS...AND PROVIDE A WARM  
PLACE FOR YOUR PETS.

STAY UP-TO-DATE ON THE LATEST FORECASTS BY LISTENING TO WEATHER RADIO  
ON THE PUBLIC SERVICE BAND. MORE DETAILED INFORMATION IS AVAILABLE  
FROM THE NATIONAL WEATHER SERVICE IN PHOENIX ON THE INTERNET AT

WEATHER.GOV/PHOENIX

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AZZ020-025-CAZ031>033-142300-  
LOWER COLORADO RIVER VALLEY AZ-YUMA/MARTINEZ LAKE AND VICINITY-  
LOWER COLORADO RIVER VALLEY CA-RIVERSIDE COUNTY/EASTERN DESERTS-  
IMPERIAL COUNTY-  
INCLUDING THE CITIES OF...EHRENBERG...PARKER...FORTUNA FOOTHILLS...  
SAN LUIS...SOMERTON...YUMA...BLYTHE...CHIRIACO SUMMIT...  
DESERT CENTER...EAGLE MOUNTAIN...BRAWLEY...CALEXICO...EL CENTRO...  
GLAMIS...IMPERIAL...THE SALTON SEA  
419 AM MST MON DEC 14 2015 /319 AM PST MON DEC 14 2015/

...WIDESPREAD COLD TEMPERATURES POSSIBLE FOR THE LOWER ELEVATIONS OF  
SOUTHEAST CALIFORNIA AND THE COLORADO RIVER VALLEY TUESDAY THROUGH  
THURSDAY MORNINGS...

A DEEP AND COLD LOW PRESSURE SYSTEM WILL BRING SHOWERS TO PORTIONS OF  
SOUTH-CENTRAL AND SOUTHWEST ARIZONA TODAY...AND THEN LEAVE BEHIND A  
VERY COLD AND DRY AIRMASS. THIS WILL RESULT IN THE COLDEST  
TEMPERATURES OF THE SEASON STARTING TUESDAY MORNING AND CONTINUING  
THROUGH THURSDAY MORNING. THERE IS THE POTENTIAL FOR SCATTERED TO  
WIDESPREAD FREEZING TEMPERATURES EACH MORNING. HOWEVER...PERSISTENT  
NORTHERLY BREEZES MAY PREVENT TEMPERATURES FROM REACHING THE FREEZING  
POINT EXCEPT IN ISOLATED LOCATIONS...STAYING MAINLY IN THE MID TO  
UPPER 30S.

NEVER-THE-LESS...DETAILS OF THIS WEATHER SYSTEM WILL BE MONITORED IN  
THE EVENT FREEZE WATCHES OR WARNINGS ARE NEEDED FOR  
TUESDAY...WEDNESDAY...AND THURSDAY MORNINGS.

THINGS TO CONSIDER DURING COLD EPISODES ARE...COVER SENSITIVE  
PLANTS...PROTECT PIPES AND IRRIGATIONS SYSTEMS...AND PROVIDE A WARM  
PLACE FOR YOUR PETS.



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NWUS56 KSGX 141442  
LSRSGX

PRELIMINARY LOCAL STORM REPORT  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
641 AM PST MON DEC 14 2015

...TIME... ...EVENT... ...CITY LOCATION... ...LAT.LON...  
...DATE... ...MAG.... ..COUNTY LOCATION..ST.. ...SOURCE....  
..REMARKS..

0650 PM NON-TSTM WND GST 7 ENE CABAZON 33.95N 116.66W  
12/13/2015 M62 MPH RIVERSIDE CA MESONET

MESONET STATION WHITEWATER RAWS /WWAC1/

0821 PM NON-TSTM WND GST 3 WSW SAN JUAN CAPISTRAN 33.48N 117.70W  
12/13/2015 M44 MPH ORANGE CA MESONET

MESONET STATION DANA POINT /E3181/

0940 PM NON-TSTM WND GST 2 WSW CARLSBAD 33.11N 117.31W  
12/13/2015 M54 MPH SAN DIEGO CA MESONET

MESONET STATION CARLSBAD (2 W) /E0995/

1055 PM NON-TSTM WND GST DEL MAR 32.96N 117.27W  
12/13/2015 M47 MPH SAN DIEGO CA MESONET

MESONET STATION DEL MAR /SDDMB/

1130 PM NON-TSTM WND GST 2 NNE JULIAN 33.10N 116.58W  
12/13/2015 M71 MPH SAN DIEGO CA MESONET

MESONET STATION VOLCAN MOUNTAIN /VCM5D/

1145 PM HIGH SUST WINDS 5 ENE GEORGE AFB 34.61N 117.29W  
12/13/2015 M48 MPH SAN BERNARDINO CA MESONET

MESONET STATION VICTORVILLE (5 N) /GHG39/

1146 PM NON-TSTM WND GST 6 NW CAMP PENDLETON SOUT 33.29N 117.46W  
12/13/2015 M45 MPH SAN DIEGO CA ASOS

ASOS STATION RED BEACH AIRPORT /NXF/

1150 PM NON-TSTM WND GST 3 SSE JULIAN 33.04N 116.56W  
12/13/2015 M59 MPH SAN DIEGO CA MESONET

MESONET STATION HARRISON PARK /HRPSD/

1200 AM NON-TSTM WND GST 3 S SAN CLEMENTE 33.40N 117.60W  
12/14/2015 M46 MPH ORANGE CA MESONET

MESONET STATION SAN CLEMENTE PIER (3 S)  
/XCLM/

1250 AM NON-TSTM WND GST 49 WSW CORONADO 32.50N 118.00W  
12/14/2015 M40 MPH PZZ775 CA BUOY

BUOY STATION SAN CLEMENTE BASIN BUOY /46086/

1253 AM NON-TSTM WND GST 1 NW IMPERIAL BEACH 32.58N 117.13W  
12/14/2015 M40 MPH PZZ750 CA MESONET

MESONET STATION IMPERIAL BEACH PIER /XIMP/

0120 AM NON-TSTM WND GST 3 WNW BORREGO SPRINGS 33.26N 116.40W  
12/14/2015 M59 MPH SAN DIEGO CA MESONET

MESONET STATION BORREGO SPRINGS (3 W) /UCAB/

0121 AM NON-TSTM WND GST 4 S COACHELLA 33.63N 116.16W  
12/14/2015 M55 MPH RIVERSIDE CA ASOS

ASOS STATION THERMAL AIRPORT /TRM/

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PUBLIC INFORMATION STATEMENT  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
840 AM PST MON DEC 14 2015

...HIGHEST WIND GUSTS SINCE YESTERDAY EVENING...

LOCATION	SPEED	TIME/DATE	LAT/LON
...CALIFORNIA...			
MISSION BEACH	44 MPH	1238 AM 12/14	32.76N/117.26W
OCEANSIDE JETTY	42 MPH	0913 PM 12/13	33.21N/117.40W
SAN CLEMENTE BASIN BUOY	40 MPH	1250 AM 12/14	32.50N/118.00W
IMPERIAL BEACH PIER	40 MPH	1253 AM 12/14	32.58N/117.13W
SAN DIEGO BROADWAY PIER	38 MPH	1100 PM 12/13	32.71N/117.18W
PACIFIC BEACH (CRYSTAL PIER)	37 MPH	1144 PM 12/13	32.80N/117.26W
LA JOLLA (SCRIPPS PIER)	35 MPH	1142 PM 12/13	32.87N/117.26W

...COACHELLA VALLEY-INCLUDING THE PALM SPRINGS SOUTH COAST DESERT DISTRICT...			
THERMAL AIRPORT	55 MPH	0121 AM 12/14	33.63N/116.16W
PALM DESERT (5 S)	50 MPH	1210 AM 12/14	33.65N/116.38W
COACHELLA	49 MPH	1219 AM 12/14	33.67N/116.15W
THOUSAND PALMS	44 MPH	0825 AM 12/14	33.82N/116.40W
PALM SPRINGS AIRPORT	41 MPH	0633 AM 12/14	33.83N/116.51W
SKY VALLEY	37 MPH	1240 AM 12/14	33.88N/116.34W

...ORANGE COUNTY COASTAL...			
SAN CLEMENTE PIER (3 S)	46 MPH	1200 AM 12/14	33.40N/117.60W
SAN CLEMENTE PIER	44 MPH	1155 PM 12/13	33.42N/117.62W
CRYSTAL COVE	35 MPH	1115 PM 12/13	33.57N/117.82W

...ORANGE COUNTY INLAND...			
SAN CLEMENTE RIDGE	40 MPH	1140 PM 12/13	33.44N/117.59W

...RIVERSIDE COUNTY MOUNTAINS-INCLUDING THE SAN JACINTO RANGER DISTRICT OF THE SAN BERNARDINO NATIONAL FOREST...			
MT SAN JACINTO	57 MPH	1128 PM 12/13	33.85N/116.62W
PINYON	46 MPH	1236 AM 12/14	33.58N/116.45W
MT SAN JACINTO	43 MPH	0153 AM 12/14	33.82N/116.64W
VISTA GRANDE	43 MPH	1201 AM 12/14	33.84N/116.81W
ANZA SOUTHEAST	40 MPH	1149 PM 12/13	33.51N/116.62W
POPPET FLAT	37 MPH	1014 PM 12/13	33.86N/116.86W

...SAN BERNARDINO COUNTY MOUNTAINS-INCLUDING THE MOUNTAIN TOP AND FRONT COUNTRY RANGER DISTRICTS OF THE SAN BERNARDINO NATIONAL FOREST...			
BURNS CANYON	80 MPH	0751 PM 12/13	34.21N/116.62W
SNOW PEAK	54 MPH	1042 PM 12/13	34.04N/116.81W
HEAPS PEAK	45 MPH	1015 PM 12/13	34.24N/117.14W
BIG BEAR CITY (2 SE)	40 MPH	0850 PM 12/13	34.25N/116.81W
BIG BEAR CITY AIRPORT	40 MPH	0915 PM 12/13	34.26N/116.85W
CONVERSE	36 MPH	1009 PM 12/13	34.19N/116.91W

...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE...			
TEMESCAL	49 MPH	0141 AM 12/14	33.76N/117.50W
LAKE MATHEWS	41 MPH	0416 AM 12/14	33.82N/117.46W
TEMECULA (8 NE)	37 MPH	1000 PM 12/13	33.56N/117.01W
LAKE ELSNORE (7 WNW)	35 MPH	0518 AM 12/14	33.73N/117.43W
HIGHLAND SPRINGS	35 MPH	1016 PM 12/13	33.88N/116.95W

...SAN DIEGO COUNTY COASTAL AREAS...			
CARLSBAD (2 W)	54 MPH	0940 PM 12/13	33.11N/117.31W
LAS FLORES	49 MPH	1222 AM 12/14	33.31N/117.42W
DEL MAR	47 MPH	1055 PM 12/13	32.96N/117.27W
SILVER STRAND BEACH	46 MPH	0103 AM 12/14	32.63N/117.14W
RED BEACH AIRPORT	45 MPH	1146 PM 12/13	33.29N/117.46W
SOLANA BEACH	42 MPH	1224 AM 12/14	32.98N/117.27W
TORREY PINES GLIDER PORT	42 MPH	1235 AM 12/14	32.89N/117.25W
MISSION BEACH	42 MPH	1223 AM 12/14	32.78N/117.25W
MISSION BEACH	42 MPH	1155 PM 12/13	32.78N/117.25W
POINT LOMA LIGHTHOUSE	41 MPH	0100 AM 12/14	32.67N/117.24W
NORTH ISLAND	39 MPH	1240 AM 12/14	32.70N/117.20W
CAMP PENDLETON SOUTH	39 MPH	1223 AM 12/14	33.24N/117.37W
LA JOLLA HEIGHTS	38 MPH	1200 AM 12/14	32.84N/117.24W
IMPERIAL BEACH (NAS)	38 MPH	0159 AM 12/14	32.57N/117.12W
DEL MAR HEIGHTS	37 MPH	1220 AM 12/14	32.96N/117.22W
MOONLIGHT BEACH	37 MPH	0924 PM 12/13	33.05N/117.30W
IMPERIAL BEACH (2 SE)	36 MPH	0530 AM 12/14	32.54N/117.10W

SOLANA BEACH	36 MPH	1220 AM 12/14	33.01N/117.28W
CORONADO CAYS	36 MPH	0121 AM 12/14	32.63N/117.14W
OCEANSIDE	35 MPH	0933 PM 12/13	33.20N/117.39W
MISSION VALLEY	35 MPH	1230 AM 12/14	32.75N/117.17W

...SAN DIEGO COUNTY DESERTS--INCLUDING THE ANZA BORREGO DESERT STATE PARK...			
BORREGO SPRINGS (3 W)	59 MPH	0120 AM 12/14	33.26N/116.40W
OCOTILLO WELLS	55 MPH	0137 AM 12/14	33.15N/116.18W
IN KO PAH	50 MPH	1250 AM 12/14	32.64N/116.12W
BORREGO SPRINGS (2 E)	46 MPH	1220 AM 12/14	33.26N/116.35W
BORREGO SPRINGS	40 MPH	0410 AM 12/14	33.19N/116.28W
NARROWS	37 MPH	0130 AM 12/14	33.14N/116.29W
JACUMBA	36 MPH	0200 AM 12/14	32.62N/116.17W

...SAN DIEGO COUNTY INLAND VALLEYS...			
MATEO RIDGE	47 MPH	1222 AM 12/14	33.42N/117.52W
OTAY MOUNTAIN	45 MPH	1114 PM 12/13	32.60N/116.84W
OTAY MOUNTAIN	44 MPH	1150 PM 12/13	32.60N/116.84W
LYONS PEAK	43 MPH	1225 AM 12/14	32.70N/116.76W
DYE MOUNTAIN	40 MPH	1130 PM 12/13	33.07N/116.71W
GOOSE VALLEY	40 MPH	1052 PM 12/13	33.08N/116.88W
DEERHORN VALLEY	39 MPH	1150 PM 12/13	32.69N/116.76W
RAMONA AIRPORT	39 MPH	1005 PM 12/13	33.04N/116.91W
DEHESA ROAD	38 MPH	1040 PM 12/13	32.79N/116.84W
HIDDEN MEADOWS	38 MPH	0950 PM 12/13	33.23N/117.09W
LAKE WOHLFORD	38 MPH	1000 PM 12/13	33.18N/116.99W
SANTA YSABEL (5 SE)	38 MPH	1130 PM 12/13	33.07N/116.76W
SKY VALLEY	38 MPH	0120 AM 12/14	32.72N/116.70W
ALPINE (1 NE)	37 MPH	1140 PM 12/13	32.86N/116.75W
CUCA RANCH (5 E PAUMA VALLEY	37 MPH	1010 PM 12/13	33.29N/116.90W
SAN PASQUAL	37 MPH	1050 PM 12/13	33.09N/117.01W
WEST RANCHO BERNARDO	37 MPH	0950 PM 12/13	33.03N/117.12W
ARCHIE MOORE (RAMONA)	36 MPH	1000 PM 12/13	33.04N/116.96W
RANCHO BERNARDO	36 MPH	0947 PM 12/13	33.02N/117.08W
ROUND POTRERO	36 MPH	1210 AM 12/14	32.65N/116.63W
SUNSET OAKS (4 NE RAMONA)	36 MPH	1040 PM 12/13	33.07N/116.81W
RAINBOW (1 E)	35 MPH	1108 PM 12/13	33.42N/117.12W
DULZURA	35 MPH	1200 AM 12/14	32.62N/116.76W
SYCAMORE CANYON	35 MPH	1030 PM 12/13	32.91N/117.03W

...SAN DIEGO COUNTY MOUNTAINS--INCLUDING THE PALOMAR AND DESCANSO RANGER DISTRICTS OF THE CLEVELAND NATIONAL FOREST...			
VOLCAN MOUNTAIN	71 MPH	1130 PM 12/13	33.10N/116.58W
PALOMAR MTN (HIGH POINT LOOK	60 MPH	1133 PM 12/13	33.36N/116.84W
HARRISON PARK	59 MPH	1150 PM 12/13	33.04N/116.56W
BOULEVARD WEST	55 MPH	0300 AM 12/14	32.66N/116.29W
LUCKY FIVE RANCH	55 MPH	0320 AM 12/14	32.93N/116.53W
BOUCHER HILL	54 MPH	1137 PM 12/13	33.33N/116.92W
EAST WARNERS	53 MPH	1040 PM 12/13	33.23N/116.61W
MATAGUAY	52 MPH	1150 PM 12/13	33.22N/116.70W
JULIAN (2 SE)	50 MPH	1211 AM 12/14	33.06N/116.57W
LAKE CUYAMACA	48 MPH	0150 AM 12/14	33.00N/116.60W
MT LAGUNA OBSERVATORY	48 MPH	1154 PM 12/13	32.84N/116.43W
RANCHITA	47 MPH	1140 PM 12/13	33.21N/116.51W
WARNERS	47 MPH	1120 PM 12/13	33.25N/116.70W
RANCHITA (RAWS)	46 MPH	0307 AM 12/14	33.22N/116.50W
WEST WYNOLA	46 MPH	1140 PM 12/13	33.11N/116.65W
CRESTWOOD	42 MPH	0230 AM 12/14	32.70N/116.35W
JULIAN (4 W)	42 MPH	1230 AM 12/14	33.08N/116.66W
NORTH DESCANSO	42 MPH	1150 PM 12/13	32.88N/116.65W
GUATAY	41 MPH	1110 PM 12/13	32.86N/116.57W
LA POSTA	41 MPH	0100 AM 12/14	32.71N/116.40W
MESA GRANDE	40 MPH	1020 PM 12/13	33.17N/116.76W
DESCANSO (4 N)	39 MPH	1157 PM 12/13	32.91N/116.62W
CAMPO	39 MPH	0140 AM 12/14	32.62N/116.47W
INAJA PARK (SANTA YSABEL)	39 MPH	1000 PM 12/13	33.10N/116.67W
JULIAN CDF	38 MPH	0155 AM 12/14	33.08N/116.59W
JULIAN	38 MPH	1010 PM 12/13	33.08N/116.59W
WEST SANTA YSABEL	38 MPH	1140 PM 12/13	33.09N/116.69W
TIERRA DEL SOL	37 MPH	1230 AM 12/14	32.64N/116.35W
CORTE MADERA	36 MPH	0200 AM 12/14	32.78N/116.55W
BIG BLACK MOUNTAIN	36 MPH	1157 PM 12/13	33.16N/116.81W
MT PALOMAR	36 MPH	1220 AM 12/14	33.35N/116.86W
LAKE CUYAMACA	36 MPH	1055 PM 12/13	32.99N/116.59W
SILL HILL	36 MPH	1150 PM 12/13	32.95N/116.64W
VIEJAS GRADE	36 MPH	1150 PM 12/13	32.86N/116.66W
WYNOLA	36 MPH	0140 AM 12/14	33.10N/116.60W
CAMERON CORNERS	35 MPH	1220 AM 12/14	32.65N/116.50W
LOS COYOTES (3 SE WARNER SPR	35 MPH	1040 PM 12/13	33.26N/116.59W
MT LAGUNA	35 MPH	0152 AM 12/14	32.88N/116.43W
OAK GROVE	35 MPH	1020 PM 12/13	33.39N/116.79W
PALOMAR MTN	35 MPH	0115 AM 12/14	33.35N/116.86W

SCHOOL HOUSE CANYON (5 NW JU 35 MPH	1200 AM 12/14	33.15N/116.64W
DESCANSO (1 SW) 35 MPH	1110 PM 12/13	32.83N/116.63W
...SAN GORGONIO PASS NEAR BANNING...		
WHITEWATER RAWS 57 MPH	0850 PM 12/13	33.95N/116.66W
WHITEWATER 53 MPH	1245 AM 12/14	33.96N/116.59W
WHITE WATER (2 S) 53 MPH	1010 PM 12/13	33.90N/116.64W
SKY VALLEY (1 W) 48 MPH	1223 AM 12/14	33.89N/116.37W
CABAZON 38 MPH	1014 PM 12/13	33.93N/116.81W
...SANTA ANA MOUNTAINS-INCLUDING THE TRABUCO RANGER DISTRICT OF THE CLEVELAND NATIONAL FOREST...		
EL CARISO 50 MPH	1120 PM 12/13	33.65N/117.41W
SANTIAGO PEAK 43 MPH	0530 AM 12/14	33.71N/117.53W
CORONA 41 MPH	0411 AM 12/14	33.82N/117.57W
CASE SPRINGS 41 MPH	1022 PM 12/13	33.45N/117.42W
SIERRA PEAK 39 MPH	0802 PM 12/13	33.85N/117.65W
PLEASANTS PEAK 39 MPH	0258 AM 12/14	33.80N/117.62W
FREMONT CANYON 37 MPH	0851 PM 12/13	33.81N/117.71W
...VICTOR VALLEY - APPLE VALLEY - LUCERNE VALLEY - JOHNSON VALLEY...		
VICTORVILLE (5 N) 48 MPH	1145 PM 12/13	34.61N/117.29W
APPLE VALLEY AIRPORT 40 MPH	1155 PM 12/13	34.58N/117.19W
HESPERIA (4 SW) 39 MPH	0415 AM 12/14	34.37N/117.37W
MEANS LAKE 39 MPH	1226 AM 12/14	34.39N/116.52W
VICTORVILLE AIRPORT 39 MPH	0455 AM 12/14	34.60N/117.38W
MOUNTAIN VIEW ACRES (3 W) 38 MPH	0546 AM 12/14	34.50N/117.39W
LUCERNE VALLEY 37 MPH	0851 PM 12/13	34.44N/116.98W
APPLE VALLEY 2 36 MPH	1250 AM 12/14	34.59N/117.17W
OBSERVATIONS ARE COLLECTED FROM A VARIETY OF SOURCES WITH VARYING EQUIPMENT AND EXPOSURE. NOT ALL DATA LISTED ARE CONSIDERED OFFICIAL.		
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NWS SAN DIEGO CA HARRISON		

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PUBLIC INFORMATION STATEMENT  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
854 AM PST MON DEC 14 2015

...HIGHEST WIND GUSTS SINCE YESTERDAY EVENING...

.TOP 10 HIGHEST GUSTS FROM ALL ZONES

STATION	SPEED(MPH)	ZONE
1. BURNS CANYON	80	SAN BERNARDINO COUNTY MOUNTAINS
2. VOLCAN MOUNTAIN	71	SAN DIEGO COUNTY MOUNTAINS
3. PALOMAR MTN (HIGH POINT)	60	SAN DIEGO COUNTY MOUNTAINS
4. BORREGO SPRINGS (3 W)	59	SAN DIEGO COUNTY DESERTS
5. HARRISON PARK	59	SAN DIEGO COUNTY MOUNTAINS
6. WHITEWATER	57	SAN GORGONIO PASS NEAR BANNING
7. MT SAN JACINTO	57	RIVERSIDE COUNTY MOUNTAINS
8. LUCKY FIVE RANCH	55	SAN DIEGO COUNTY MOUNTAINS
9. BOULEVARD WEST	55	SAN DIEGO COUNTY MOUNTAINS
10. OCOTILLO WELLS	55	SAN DIEGO COUNTY DESERTS

LOCATION	SPEED	TIME/DATE	LAT/LON
...SAN DIEGO COUNTY COASTAL WATERS...			
MISSION BEACH	44 MPH	1238 AM 12/14	32.76N/117.26W
OCEANSIDE JETTY	42 MPH	0913 PM 12/13	33.21N/117.40W
SAN CLEMENTE BASIN BUOY	40 MPH	1250 AM 12/14	32.50N/118.00W
IMPERIAL BEACH PIER	40 MPH	1253 AM 12/14	32.58N/117.13W
SAN DIEGO BROADWAY PIER	38 MPH	1100 PM 12/13	32.71N/117.18W
PACIFIC BEACH (CRYSTAL PIER)	37 MPH	1144 PM 12/13	32.80N/117.26W
LA JOLLA (SCRIPPS PIER)	35 MPH	1142 PM 12/13	32.87N/117.26W

...COACHELLA VALLEY-INCLUDING THE PALM SPRINGS SOUTH COAST DESERT DISTRICT...			
THERMAL AIRPORT	55 MPH	0121 AM 12/14	33.63N/116.16W
PALM DESERT (5 S)	50 MPH	1210 AM 12/14	33.65N/116.38W
COACHELLA	49 MPH	1219 AM 12/14	33.67N/116.15W
THOUSAND PALMS	44 MPH	0825 AM 12/14	33.82N/116.40W
PALM SPRINGS AIRPORT	41 MPH	0633 AM 12/14	33.83N/116.51W
SKY VALLEY	37 MPH	1240 AM 12/14	33.88N/116.34W

...ORANGE COUNTY COASTAL...			
SAN CLEMENTE PIER (3 S)	46 MPH	1200 AM 12/14	33.40N/117.60W
SAN CLEMENTE PIER	44 MPH	1155 PM 12/13	33.42N/117.62W
CRYSTAL COVE	35 MPH	1115 PM 12/13	33.57N/117.82W

...ORANGE COUNTY INLAND...			
SAN CLEMENTE RIDGE	40 MPH	1140 PM 12/13	33.44N/117.59W

...RIVERSIDE COUNTY MOUNTAINS-INCLUDING THE SAN JACINTO RANGER DISTRICT OF THE SAN BERNARDINO NATIONAL FOREST...			
MT SAN JACINTO	57 MPH	1128 PM 12/13	33.85N/116.62W
PINYON	46 MPH	1236 AM 12/14	33.58N/116.45W
MT SAN JACINTO	43 MPH	0153 AM 12/14	33.82N/116.64W
VISTA GRANDE	43 MPH	1201 AM 12/14	33.84N/116.81W
ANZA SOUTHEAST	40 MPH	1149 PM 12/13	33.51N/116.62W
POPPET FLAT	37 MPH	1014 PM 12/13	33.86N/116.86W

...SAN BERNARDINO COUNTY MOUNTAINS-INCLUDING THE MOUNTAIN TOP AND FRONT COUNTRY RANGER DISTRICTS OF THE SAN BERNARDINO NATIONAL FOREST...			
BURNS CANYON	80 MPH	0751 PM 12/13	34.21N/116.62W
SNOW PEAK	54 MPH	1042 PM 12/13	34.04N/116.81W
HEAPS PEAK	45 MPH	1015 PM 12/13	34.24N/117.14W
BIG BEAR CITY (2 SE)	40 MPH	0850 PM 12/13	34.25N/116.81W
BIG BEAR CITY AIRPORT	40 MPH	0915 PM 12/13	34.26N/116.85W
CONVERSE	36 MPH	1009 PM 12/13	34.19N/116.91W

...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE...			
TEMESCAL	49 MPH	0141 AM 12/14	33.76N/117.50W
LAKE MATHEWS	41 MPH	0416 AM 12/14	33.82N/117.46W
TEMECULA (8 NE)	37 MPH	1000 PM 12/13	33.56N/117.01W
LAKE ELSINORE (7 WNW)	35 MPH	0518 AM 12/14	33.73N/117.43W
HIGHLAND SPRINGS	35 MPH	1016 PM 12/13	33.88N/116.95W

...SAN DIEGO COUNTY COASTAL AREAS...			
CARLSBAD (2 W)	54 MPH	0940 PM 12/13	33.11N/117.31W
LAS FLORES	49 MPH	1222 AM 12/14	33.31N/117.42W

DEL MAR	47 MPH	1055 PM 12/13	32.96N/117.27W
SILVER STRAND BEACH	46 MPH	0103 AM 12/14	32.63N/117.14W
RED BEACH AIRPORT	45 MPH	1146 PM 12/13	33.29N/117.46W
SOLANA BEACH	42 MPH	1224 AM 12/14	32.98N/117.27W
TORREY PINES GLIDER PORT	42 MPH	1235 AM 12/14	32.89N/117.25W
MISSION BEACH	42 MPH	1223 AM 12/14	32.78N/117.25W
MISSION BEACH	42 MPH	1155 PM 12/13	32.78N/117.25W
POINT LOMA LIGHTHOUSE	41 MPH	0100 AM 12/14	32.67N/117.24W
NORTH ISLAND	39 MPH	1240 AM 12/14	32.70N/117.20W
CAMP PENDLETON SOUTH	39 MPH	1223 AM 12/14	33.24N/117.37W
LA JOLLA HEIGHTS	38 MPH	1200 AM 12/14	32.84N/117.24W
IMPERIAL BEACH (NAS)	38 MPH	0159 AM 12/14	32.57N/117.12W
DEL MAR HEIGHTS	37 MPH	1220 AM 12/14	32.96N/117.22W
MOONLIGHT BEACH	37 MPH	0924 PM 12/13	33.05N/117.30W
IMPERIAL BEACH (2 SE)	36 MPH	0530 AM 12/14	32.54N/117.10W
SOLANA BEACH	36 MPH	1220 AM 12/14	33.01N/117.28W
CORONADO CAYS	36 MPH	0121 AM 12/14	32.63N/117.14W
OCEANSIDE	35 MPH	0933 PM 12/13	33.20N/117.39W
MISSION VALLEY	35 MPH	1230 AM 12/14	32.75N/117.17W

...SAN DIEGO COUNTY DESERTS-INCLUDING THE ANZA BORREGO DESERT STATE PARK...

BORREGO SPRINGS (3 W)	59 MPH	0120 AM 12/14	33.26N/116.40W
OCOTILLO WELLS	55 MPH	0137 AM 12/14	33.15N/116.18W
IN KO PAH	50 MPH	1250 AM 12/14	32.64N/116.12W
BORREGO SPRINGS (2 E)	46 MPH	1220 AM 12/14	33.26N/116.35W
BORREGO SPRINGS	40 MPH	0410 AM 12/14	33.19N/116.28W
NARROWS	37 MPH	0130 AM 12/14	33.14N/116.29W
JACUMBA	36 MPH	0200 AM 12/14	32.62N/116.17W

...SAN DIEGO COUNTY INLAND VALLEYS...

MATEO RIDGE	47 MPH	1222 AM 12/14	33.42N/117.52W
OTAY MOUNTAIN	45 MPH	1114 PM 12/13	32.60N/116.84W
OTAY MOUNTAIN	44 MPH	1150 PM 12/13	32.60N/116.84W
LYONS PEAK	43 MPH	1225 AM 12/14	32.70N/116.76W
DYE MOUNTAIN	40 MPH	1130 PM 12/13	33.07N/116.71W
GOOSE VALLEY	40 MPH	1052 PM 12/13	33.08N/116.88W
DEERHORN VALLEY	39 MPH	1150 PM 12/13	32.69N/116.76W
RAMONA AIRPORT	39 MPH	1005 PM 12/13	33.04N/116.91W
DEHESA ROAD	38 MPH	1040 PM 12/13	32.79N/116.84W
HIDDEN MEADOWS	38 MPH	0950 PM 12/13	33.23N/117.09W
LAKE WOHLFORD	38 MPH	1000 PM 12/13	33.18N/116.99W
SANTA YSABEL (5 SE)	38 MPH	1130 PM 12/13	33.07N/116.76W
SKY VALLEY	38 MPH	0120 AM 12/14	32.72N/116.70W
ALPINE (1 NE)	37 MPH	1140 PM 12/13	32.86N/116.75W
CUCA RANCH (5 E PAUMA VALLEY	37 MPH	1010 PM 12/13	33.29N/116.90W
SAN PASQUAL	37 MPH	1050 PM 12/13	33.09N/117.01W
WEST RANCHO BERNARDO	37 MPH	0950 PM 12/13	33.03N/117.12W
ARCHIE MOORE (RAMONA)	36 MPH	1000 PM 12/13	33.04N/116.96W
RANCHO BERNARDO	36 MPH	0947 PM 12/13	33.02N/117.08W
ROUND POTRERO	36 MPH	1210 AM 12/14	32.65N/116.63W
SUNSET OAKS (4 NE RAMONA)	36 MPH	1040 PM 12/13	33.07N/116.81W
RAINBOW (1 E)	35 MPH	1108 PM 12/13	33.42N/117.12W
DULZURA	35 MPH	1200 AM 12/14	32.62N/116.76W
SYCAMORE CANYON	35 MPH	1030 PM 12/13	32.91N/117.03W

...SAN DIEGO COUNTY MOUNTAINS-INCLUDING THE PALOMAR AND DESCANSO RANGER DISTRICTS OF THE CLEVELAND NATIONAL FOREST...

VOLCAN MOUNTAIN	71 MPH	1130 PM 12/13	33.10N/116.58W
PALOMAR MTN (HIGH POINT LOOK	60 MPH	1133 PM 12/13	33.36N/116.84W
HARRISON PARK	59 MPH	1150 PM 12/13	33.04N/116.56W
BOULEVARD WEST	55 MPH	0300 AM 12/14	32.66N/116.29W
LUCKY FIVE RANCH	55 MPH	0320 AM 12/14	32.93N/116.53W
BOUCHER HILL	54 MPH	1137 PM 12/13	33.33N/116.92W
EAST WARNERS	53 MPH	1040 PM 12/13	33.23N/116.61W
MATAGUAY	52 MPH	1150 PM 12/13	33.22N/116.70W
JULIAN (2 SE)	50 MPH	1211 AM 12/14	33.06N/116.57W
LAKE CUYAMACA	48 MPH	0150 AM 12/14	33.00N/116.60W
MT LAGUNA OBSERVATORY	48 MPH	1154 PM 12/13	32.84N/116.43W
RANCHITA	47 MPH	1140 PM 12/13	33.21N/116.51W
WARNERS	47 MPH	1120 PM 12/13	33.25N/116.70W
RANCHITA (RAWS)	46 MPH	0307 AM 12/14	33.22N/116.50W
WEST WYNOLA	46 MPH	1140 PM 12/13	33.11N/116.65W
CRESTWOOD	42 MPH	0230 AM 12/14	32.70N/116.35W
JULIAN (4 W)	42 MPH	1230 AM 12/14	33.08N/116.66W
NORTH DESCANSO	42 MPH	1150 PM 12/13	32.88N/116.65W
GUATAY	41 MPH	1110 PM 12/13	32.86N/116.57W
LA POSTA	41 MPH	0100 AM 12/14	32.71N/116.40W
MESA GRANDE	40 MPH	1020 PM 12/13	33.17N/116.76W
DESCANSO (4 N)	39 MPH	1157 PM 12/13	32.91N/116.62W
CAMPO	39 MPH	0140 AM 12/14	32.62N/116.47W
INAJA PARK (SANTA YSABEL)	39 MPH	1000 PM 12/13	33.10N/116.67W
JULIAN CDF	38 MPH	0155 AM 12/14	33.08N/116.59W

JULIAN	38 MPH	1010 PM 12/13	33.08N/116.59W
WEST SANTA YSABEL	38 MPH	1140 PM 12/13	33.09N/116.69W
TIERRA DEL SOL	37 MPH	1230 AM 12/14	32.64N/116.35W
CORTE MADERA	36 MPH	0200 AM 12/14	32.78N/116.55W
BIG BLACK MOUNTAIN	36 MPH	1157 PM 12/13	33.16N/116.81W
MT PALOMAR	36 MPH	1220 AM 12/14	33.35N/116.86W
LAKE CUYAMACA	36 MPH	1055 PM 12/13	32.99N/116.59W
SILL HILL	36 MPH	1150 PM 12/13	32.95N/116.64W
VIEJAS GRADE	36 MPH	1150 PM 12/13	32.86N/116.66W
WYNOLA	36 MPH	0140 AM 12/14	33.10N/116.60W
CAMERON CORNERS	35 MPH	1220 AM 12/14	32.65N/116.50W
LOS COYOTES (3 SE WARNER SPR	35 MPH	1040 PM 12/13	33.26N/116.59W
MT LAGUNA	35 MPH	0152 AM 12/14	32.88N/116.43W
OAK GROVE	35 MPH	1020 PM 12/13	33.39N/116.79W
PALOMAR MTN	35 MPH	0115 AM 12/14	33.35N/116.86W
SCHOOL HOUSE CANYON (5 NW JU	35 MPH	1200 AM 12/14	33.15N/116.64W
DESCANSO (1 SW)	35 MPH	1110 PM 12/13	32.83N/116.63W

...SAN GORGONIO PASS NEAR BANNING...

WHITEWATER RAWS	57 MPH	0850 PM 12/13	33.95N/116.66W
WHITEWATER	53 MPH	1245 AM 12/14	33.96N/116.59W
WHITE WATER (2 S)	53 MPH	1010 PM 12/13	33.90N/116.64W
SKY VALLEY (1 W)	48 MPH	1223 AM 12/14	33.89N/116.37W
CABAZON	38 MPH	1014 PM 12/13	33.93N/116.81W

...SANTA ANA MOUNTAINS-INCLUDING THE TRABUCO RANGER DISTRICT OF THE CLEVELAND NATIONAL FOREST...

EL CARISO	50 MPH	1120 PM 12/13	33.65N/117.41W
SANTIAGO PEAK	43 MPH	0530 AM 12/14	33.71N/117.53W
CORONA	41 MPH	0411 AM 12/14	33.82N/117.57W
CASE SPRINGS	41 MPH	1022 PM 12/13	33.45N/117.42W
SIERRA PEAK	39 MPH	0802 PM 12/13	33.85N/117.65W
PLEASANTS PEAK	39 MPH	0258 AM 12/14	33.80N/117.62W
FREMONT CANYON	37 MPH	0851 PM 12/13	33.81N/117.71W

...VICTOR VALLEY - APPLE VALLEY - LUCERNE VALLEY - JOHNSON VALLEY...

VICTORVILLE (5 N)	48 MPH	1145 PM 12/13	34.61N/117.29W
APPLE VALLEY AIRPORT	40 MPH	1155 PM 12/13	34.58N/117.19W
HESPERIA (4 SW)	39 MPH	0415 AM 12/14	34.37N/117.37W
MEANS LAKE	39 MPH	1226 AM 12/14	34.39N/116.52W
VICTORVILLE AIRPORT	39 MPH	0455 AM 12/14	34.60N/117.38W
MOUNTAIN VIEW ACRES (3 W)	38 MPH	0546 AM 12/14	34.50N/117.39W
LUCERNE VALLEY	37 MPH	0851 PM 12/13	34.44N/116.98W
APPLE VALLEY 2	36 MPH	1250 AM 12/14	34.59N/117.17W

OBSERVATIONS ARE COLLECTED FROM A VARIETY OF SOURCES WITH VARYING EQUIPMENT AND EXPOSURE. NOT ALL DATA LISTED ARE CONSIDERED OFFICIAL.

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PUBLIC INFORMATION STATEMENT  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
854 AM PST MON DEC 14 2015

...HIGHEST WIND GUSTS SINCE YESTERDAY EVENING...

.TOP 10 HIGHEST GUSTS FROM ALL ZONES

STATION	SPEED(MPH)	ZONE
1. BURNS CANYON	80	SAN BERNARDINO COUNTY MOUNTAINS
2. VOLCAN MOUNTAIN	71	SAN DIEGO COUNTY MOUNTAINS
3. PALOMAR MTN (HIGH POINT)	60	SAN DIEGO COUNTY MOUNTAINS
4. BORREGO SPRINGS (3 W)	59	SAN DIEGO COUNTY DESERTS
5. HARRISON PARK	59	SAN DIEGO COUNTY MOUNTAINS
6. WHITEWATER	57	SAN GORGONIO PASS NEAR BANNING
7. MT SAN JACINTO	57	RIVERSIDE COUNTY MOUNTAINS
8. LUCKY FIVE RANCH	55	SAN DIEGO COUNTY MOUNTAINS
9. BOULEVARD WEST	55	SAN DIEGO COUNTY MOUNTAINS
10. OCOTILLO WELLS	55	SAN DIEGO COUNTY DESERTS

LOCATION	SPEED	TIME/DATE	LAT/LON
...SAN DIEGO COUNTY COASTAL WATERS...			
MISSION BEACH	44 MPH	1238 AM 12/14	32.76N/117.26W
OCEANSIDE JETTY	42 MPH	0913 PM 12/13	33.21N/117.40W
SAN CLEMENTE BASIN BUOY	40 MPH	1250 AM 12/14	32.50N/118.00W
IMPERIAL BEACH PIER	40 MPH	1253 AM 12/14	32.58N/117.13W
SAN DIEGO BROADWAY PIER	38 MPH	1100 PM 12/13	32.71N/117.18W
PACIFIC BEACH (CRYSTAL PIER)	37 MPH	1144 PM 12/13	32.80N/117.26W
LA JOLLA (SCRIPPS PIER)	35 MPH	1142 PM 12/13	32.87N/117.26W

...COACHELLA VALLEY-INCLUDING THE PALM SPRINGS SOUTH COAST DESERT DISTRICT...			
THERMAL AIRPORT	55 MPH	0121 AM 12/14	33.63N/116.16W
PALM DESERT (5 S)	50 MPH	1210 AM 12/14	33.65N/116.38W
COACHELLA	49 MPH	1219 AM 12/14	33.67N/116.15W
THOUSAND PALMS	44 MPH	0825 AM 12/14	33.82N/116.40W
PALM SPRINGS AIRPORT	41 MPH	0633 AM 12/14	33.83N/116.51W
SKY VALLEY	37 MPH	1240 AM 12/14	33.88N/116.34W

...ORANGE COUNTY COASTAL...			
SAN CLEMENTE PIER (3 S)	46 MPH	1200 AM 12/14	33.40N/117.60W
SAN CLEMENTE PIER	44 MPH	1155 PM 12/13	33.42N/117.62W
CRYSTAL COVE	35 MPH	1115 PM 12/13	33.57N/117.82W

...ORANGE COUNTY INLAND...			
SAN CLEMENTE RIDGE	40 MPH	1140 PM 12/13	33.44N/117.59W

...RIVERSIDE COUNTY MOUNTAINS-INCLUDING THE SAN JACINTO RANGER DISTRICT OF THE SAN BERNARDINO NATIONAL FOREST...			
MT SAN JACINTO	57 MPH	1128 PM 12/13	33.85N/116.62W
PINYON	46 MPH	1236 AM 12/14	33.58N/116.45W
MT SAN JACINTO	43 MPH	0153 AM 12/14	33.82N/116.64W
VISTA GRANDE	43 MPH	1201 AM 12/14	33.84N/116.81W
ANZA SOUTHEAST	40 MPH	1149 PM 12/13	33.51N/116.62W
POPPET FLAT	37 MPH	1014 PM 12/13	33.86N/116.86W

...SAN BERNARDINO COUNTY MOUNTAINS-INCLUDING THE MOUNTAIN TOP AND FRONT COUNTRY RANGER DISTRICTS OF THE SAN BERNARDINO NATIONAL FOREST...			
BURNS CANYON	80 MPH	0751 PM 12/13	34.21N/116.62W
SNOW PEAK	54 MPH	1042 PM 12/13	34.04N/116.81W
HEAPS PEAK	45 MPH	1015 PM 12/13	34.24N/117.14W
BIG BEAR CITY (2 SE)	40 MPH	0850 PM 12/13	34.25N/116.81W
BIG BEAR CITY AIRPORT	40 MPH	0915 PM 12/13	34.26N/116.85W
CONVERSE	36 MPH	1009 PM 12/13	34.19N/116.91W

...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE...			
TEMESCAL	49 MPH	0141 AM 12/14	33.76N/117.50W
LAKE MATHEWS	41 MPH	0416 AM 12/14	33.82N/117.46W
TEMECULA (8 NE)	37 MPH	1000 PM 12/13	33.56N/117.01W
LAKE ELSINORE (7 WNW)	35 MPH	0518 AM 12/14	33.73N/117.43W
HIGHLAND SPRINGS	35 MPH	1016 PM 12/13	33.88N/116.95W

...SAN DIEGO COUNTY COASTAL AREAS...			
CARLSBAD (2 W)	54 MPH	0940 PM 12/13	33.11N/117.31W
LAS FLORES	49 MPH	1222 AM 12/14	33.31N/117.42W



DEL MAR	47 MPH	1055 PM 12/13	32.96N/117.27W
SILVER STRAND BEACH	46 MPH	0103 AM 12/14	32.63N/117.14W
RED BEACH AIRPORT	45 MPH	1146 PM 12/13	33.29N/117.46W
SOLANA BEACH	42 MPH	1224 AM 12/14	32.98N/117.27W
TORREY PINES GLIDER PORT	42 MPH	1235 AM 12/14	32.89N/117.25W
MISSION BEACH	42 MPH	1223 AM 12/14	32.78N/117.25W
MISSION BEACH	42 MPH	1155 PM 12/13	32.78N/117.25W
POINT LOMA LIGHTHOUSE	41 MPH	0100 AM 12/14	32.67N/117.24W
NORTH ISLAND	39 MPH	1240 AM 12/14	32.70N/117.20W
CAMP PENDLETON SOUTH	39 MPH	1223 AM 12/14	33.24N/117.37W
LA JOLLA HEIGHTS	38 MPH	1200 AM 12/14	32.84N/117.24W
IMPERIAL BEACH (NAS)	38 MPH	0159 AM 12/14	32.57N/117.12W
DEL MAR HEIGHTS	37 MPH	1220 AM 12/14	32.96N/117.22W
MOONLIGHT BEACH	37 MPH	0924 PM 12/13	33.05N/117.30W
IMPERIAL BEACH (2 SE)	36 MPH	0530 AM 12/14	32.54N/117.10W
SOLANA BEACH	36 MPH	1220 AM 12/14	33.01N/117.28W
CORONADO CAYS	36 MPH	0121 AM 12/14	32.63N/117.14W
OCEANSIDE	35 MPH	0933 PM 12/13	33.20N/117.39W
MISSION VALLEY	35 MPH	1230 AM 12/14	32.75N/117.17W

...SAN DIEGO COUNTY DESERTS-INCLUDING THE ANZA BORREGO DESERT STATE PARK...

BORREGO SPRINGS (3 W)	59 MPH	0120 AM 12/14	33.26N/116.40W
OCOTILLO WELLS	55 MPH	0137 AM 12/14	33.15N/116.18W
IN KO PAH	50 MPH	1250 AM 12/14	32.64N/116.12W
BORREGO SPRINGS (2 E)	46 MPH	1220 AM 12/14	33.26N/116.35W
BORREGO SPRINGS	40 MPH	0410 AM 12/14	33.19N/116.28W
NARROWS	37 MPH	0130 AM 12/14	33.14N/116.29W
JACUMBA	36 MPH	0200 AM 12/14	32.62N/116.17W

...SAN DIEGO COUNTY INLAND VALLEYS...

MATEO RIDGE	47 MPH	1222 AM 12/14	33.42N/117.52W
OTAY MOUNTAIN	45 MPH	1114 PM 12/13	32.60N/116.84W
OTAY MOUNTAIN	44 MPH	1150 PM 12/13	32.60N/116.84W
LYONS PEAK	43 MPH	1225 AM 12/14	32.70N/116.76W
DYE MOUNTAIN	40 MPH	1130 PM 12/13	33.07N/116.71W
GOOSE VALLEY	40 MPH	1052 PM 12/13	33.08N/116.88W
DEERHORN VALLEY	39 MPH	1150 PM 12/13	32.69N/116.76W
RAMONA AIRPORT	39 MPH	1005 PM 12/13	33.04N/116.91W
DEHESA ROAD	38 MPH	1040 PM 12/13	32.79N/116.84W
HIDDEN MEADOWS	38 MPH	0950 PM 12/13	33.23N/117.09W
LAKE WOHLFORD	38 MPH	1000 PM 12/13	33.18N/116.99W
SANTA YSABEL (5 SE)	38 MPH	1130 PM 12/13	33.07N/116.76W
SKY VALLEY	38 MPH	0120 AM 12/14	32.72N/116.70W
ALPINE (1 NE)	37 MPH	1140 PM 12/13	32.86N/116.75W
CUCA RANCH (5 E PAUMA VALLEY	37 MPH	1010 PM 12/13	33.29N/116.90W
SAN PASQUAL	37 MPH	1050 PM 12/13	33.09N/117.01W
WEST RANCHO BERNARDO	37 MPH	0950 PM 12/13	33.03N/117.12W
ARCHIE MOORE (RAMONA)	36 MPH	1000 PM 12/13	33.04N/116.96W
RANCHO BERNARDO	36 MPH	0947 PM 12/13	33.02N/117.08W
ROUND POTRERO	36 MPH	1210 AM 12/14	32.65N/116.63W
SUNSET OAKS (4 NE RAMONA)	36 MPH	1040 PM 12/13	33.07N/116.81W
RAINBOW (1 E)	35 MPH	1108 PM 12/13	33.42N/117.12W
DULZURA	35 MPH	1200 AM 12/14	32.62N/116.76W
SYCAMORE CANYON	35 MPH	1030 PM 12/13	32.91N/117.03W

...SAN DIEGO COUNTY MOUNTAINS-INCLUDING THE PALOMAR AND DESCANSO RANGER DISTRICTS OF THE CLEVELAND NATIONAL FOREST...

VOLCAN MOUNTAIN	71 MPH	1130 PM 12/13	33.10N/116.58W
PALOMAR MTN (HIGH POINT LOOK	60 MPH	1133 PM 12/13	33.36N/116.84W
HARRISON PARK	59 MPH	1150 PM 12/13	33.04N/116.56W
BOULEVARD WEST	55 MPH	0300 AM 12/14	32.66N/116.29W
LUCKY FIVE RANCH	55 MPH	0320 AM 12/14	32.93N/116.53W
BOUCHER HILL	54 MPH	1137 PM 12/13	33.33N/116.92W
EAST WARNERS	53 MPH	1040 PM 12/13	33.23N/116.61W
MATAGUAY	52 MPH	1150 PM 12/13	33.22N/116.70W
JULIAN (2 SE)	50 MPH	1211 AM 12/14	33.06N/116.57W
LAKE CUYAMACA	48 MPH	0150 AM 12/14	33.00N/116.60W
MT LAGUNA OBSERVATORY	48 MPH	1154 PM 12/13	32.84N/116.43W
RANCHITA	47 MPH	1140 PM 12/13	33.21N/116.51W
WARNERS	47 MPH	1120 PM 12/13	33.25N/116.70W
RANCHITA (RAWS)	46 MPH	0307 AM 12/14	33.22N/116.50W
WEST WYNOLA	46 MPH	1140 PM 12/13	33.11N/116.65W
CRESTWOOD	42 MPH	0230 AM 12/14	32.70N/116.35W
JULIAN (4 W)	42 MPH	1230 AM 12/14	33.08N/116.66W
NORTH DESCANSO	42 MPH	1150 PM 12/13	32.88N/116.65W
GUATAY	41 MPH	1110 PM 12/13	32.86N/116.57W
LA POSTA	41 MPH	0100 AM 12/14	32.71N/116.40W
MESA GRANDE	40 MPH	1020 PM 12/13	33.17N/116.76W
DESCANSO (4 N)	39 MPH	1157 PM 12/13	32.91N/116.62W
CAMPO	39 MPH	0140 AM 12/14	32.62N/116.47W
INAJA PARK (SANTA YSABEL)	39 MPH	1000 PM 12/13	33.10N/116.67W
JULIAN CDF	38 MPH	0155 AM 12/14	33.08N/116.59W

JULIAN 38 MPH 1010 PM 12/13 33.08N/116.59W  
 WEST SANTA YSABEL 38 MPH 1140 PM 12/13 33.09N/116.69W  
 TIERRA DEL SOL 37 MPH 1230 AM 12/14 32.64N/116.35W  
 CORTE MADERA 36 MPH 0200 AM 12/14 32.78N/116.55W  
 BIG BLACK MOUNTAIN 36 MPH 1157 PM 12/13 33.16N/116.81W  
 MT PALOMAR 36 MPH 1220 AM 12/14 33.35N/116.86W  
 LAKE CUYAMACA 36 MPH 1055 PM 12/13 32.99N/116.59W  
 SILL HILL 36 MPH 1150 PM 12/13 32.95N/116.64W  
 VIEJAS GRADE 36 MPH 1150 PM 12/13 32.86N/116.66W  
 WYNOLA 36 MPH 0140 AM 12/14 33.10N/116.60W  
 CAMERON CORNERS 35 MPH 1220 AM 12/14 32.65N/116.50W  
 LOS COYOTES (3 SE WARNER SPR 35 MPH 1040 PM 12/13 33.26N/116.59W  
 MT LAGUNA 35 MPH 0152 AM 12/14 32.88N/116.43W  
 OAK GROVE 35 MPH 1020 PM 12/13 33.39N/116.79W  
 PALOMAR MTN 35 MPH 0115 AM 12/14 33.35N/116.86W  
 SCHOOL HOUSE CANYON (5 NW JU 35 MPH 1200 AM 12/14 33.15N/116.64W  
 DESCANSO (1 SW) 35 MPH 1110 PM 12/13 32.83N/116.63W

...SAN GORGONIO PASS NEAR BANNING...

WHITEWATER RAWS 57 MPH 0850 PM 12/13 33.95N/116.66W  
 WHITEWATER 53 MPH 1245 AM 12/14 33.96N/116.59W  
 WHITE WATER (2 S) 53 MPH 1010 PM 12/13 33.90N/116.64W  
 SKY VALLEY (1 W) 48 MPH 1223 AM 12/14 33.89N/116.37W  
 CABAZON 38 MPH 1014 PM 12/13 33.93N/116.81W

...SANTA ANA MOUNTAINS-INCLUDING THE TRABUCO RANGER DISTRICT OF THE CLEVELAND NATIONAL FOREST...

EL CARISO 50 MPH 1120 PM 12/13 33.65N/117.41W  
 SANTIAGO PEAK 43 MPH 0530 AM 12/14 33.71N/117.53W  
 CORONA 41 MPH 0411 AM 12/14 33.82N/117.57W  
 CASE SPRINGS 41 MPH 1022 PM 12/13 33.45N/117.42W  
 SIERRA PEAK 39 MPH 0802 PM 12/13 33.85N/117.65W  
 PLEASANTS PEAK 39 MPH 0258 AM 12/14 33.80N/117.62W  
 FREMONT CANYON 37 MPH 0851 PM 12/13 33.81N/117.71W

...VICTOR VALLEY - APPLE VALLEY - LUCERNE VALLEY - JOHNSON VALLEY...

VICTORVILLE (5 N) 48 MPH 1145 PM 12/13 34.61N/117.29W  
 APPLE VALLEY AIRPORT 40 MPH 1155 PM 12/13 34.58N/117.19W  
 HESPERIA (4 SW) 39 MPH 0415 AM 12/14 34.37N/117.37W  
 MEANS LAKE 39 MPH 1226 AM 12/14 34.39N/116.52W  
 VICTORVILLE AIRPORT 39 MPH 0455 AM 12/14 34.60N/117.38W  
 MOUNTAIN VIEW ACRES (3 W) 38 MPH 0546 AM 12/14 34.50N/117.39W  
 LUCERNE VALLEY 37 MPH 0851 PM 12/13 34.44N/116.98W  
 APPLE VALLEY 2 36 MPH 1250 AM 12/14 34.59N/117.17W

OBSERVATIONS ARE COLLECTED FROM A VARIETY OF SOURCES WITH VARYING  
 EQUIPMENT AND EXPOSURE. NOT ALL DATA LISTED ARE CONSIDERED OFFICIAL.

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NWS SAN DIEGO CA  
 HARRISON

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AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
930 AM PST MON DEC 14 2015

.SYNOPSIS...LOW PRESSURE ALOFT WILL SLOWLY MOVE EAST OUT OF THE AREA TODAY WITH MOSTLY SUNNY COOL WEATHER PREVAILING. THERE WILL BE AREAS OF FROST IN THE VALLEYS THE NEXT FEW NIGHTS...WITH LOCAL FROST IN THE LOWER DESERTS. AFTER ANOTHER CHILLY DAY TUESDAY...HIGH PRESSURE ALOFT WILL FINALLY BRING A WARMING TREND STARTING WEDNESDAY AND CONTINUING THROUGH FRIDAY...ALONG WITH MOSTLY CLEAR SKIES. A LOW PRESSURE TROUGH COULD BRING PRECIPITATION EARLY NEXT WEEK.

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.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

EXCEPT FOR SOME CLOUDS IN SOUTHERN SAN DIEGO COUNTY AND THE SAN BERNARDINO COUNTY MOUNTAINS...SKIES HAD CLEARED. WINDS HAD DECREASED WITH ONLY LOCAL GUSTS AROUND 20-25 MPH AT THE COAST AND 40-45 MPH ON THE DESERT MOUNTAIN SLOPES. WE WILL PLAN TO DROP THE HIGH WIND WARNING AND WIND ADVISORIES SOON AS MODELS SHOW A CONTINUED GRADUAL DECREASE IN THE WINDS LATER THIS MORNING. TEMPS WILL BE CHILLY TODAY WITH HIGHS IN THE MID 50S TO LOWER 60S AT MOST LOWER ELEVATION

LOCATIONS. THERE WILL BE SOME OFFSHORE FLOW TO BRING LOCAL WIND GUSTS AROUND 30 MPH THROUGH/BELOW PASSES AND CANYONS...ESPECIALLY BELOW CAJON PASS AND IN THE SANTA ANA MOUNTAINS...BUT MOST OTHER AREAS WILL HAVE LIGHT WINDS TONIGHT. GIVEN THE 850 MB TEMPS OF AROUND 1 DEG C...THEN THERE WILL BE QUITE A FEW VALLEY LOCATIONS BETWEEN ABOUT 30 AND 35 DEG F...AT LEAST WHERE THE WINDS ARE LIGHT. WILL ISSUE A FROST ADVISORY FOR TONIGHT...AND ONE WILL LIKELY BE NEEDED TUESDAY AND POSSIBLY WEDNESDAY NIGHTS AS WELL. MODEL GUIDANCE SHOWS THE LOWER DESERTS COULD HAVE SIMILAR TEMPERATURES STARTING TUESDAY NIGHT...SO A FROST ADVISORY WILL PROBABLY BE NEEDED THERE THEN. REGARDING THE OFFSHORE FLOW...THE WINDS COULD PICK UP SLIGHTLY TUESDAY NIGHT/WEDNESDAY MORNING POSSIBLY TO NEAR WIND ADVISORY CRITERIA IN THE SANTA ANA MOUNTAINS AND INLAND EMPIRE...BUT IT WILL BE LOCALIZED ENOUGH TO KEEP MANY VALLEY LOCATIONS IN THE 30-35 DEG F RANGE FOR TUESDAY NIGHT MINIMUMS.

THE INTERIOR WESTERN US TROUGH WILL KEEP OUR FLOW CYCLONIC THROUGH TUESDAY NIGHT...HENCE THE CHILLY WEATHER...BUT THEN THE RIDGE OVER THE EAST PAC WILL MOVE THROUGH CALIFORNIA...ALBEIT PROGRESSIVELY FLATTENED...WED-FRI. DAYTIME TEMPS WILL RECOVER TO NEAR OR JUST SLIGHTLY ABOVE NORMAL BY THU/FRI...THOUGH WITH MOSTLY CLEAR SKIES AND GENERALLY DRY AIR...NIGHTS WILL CONTINUE A LITTLE BELOW NORMAL...THOUGH THE FROST POTENTIAL WILL DECREASE BY THURSDAY NIGHT. A BROAD TROUGH OVER THE GULF OF ALASKA WILL GRADUALLY SHIFT EAST/SOUTHEAST TOWARDS CALIFORNIA AND COULD BRING RAIN TO OUR FORECAST AREA BY SUNDAY. ECMWF/GFS STILL DIFFER WITH ECMWF BEING DEEPER AND SLOWER WITH THE FIRST SHORT WAVE THAN THE GFS...THOUGH THE 00Z SOLUTION HAD A LOW CUTTING OFF TO OUR SW WHICH WOULD GIVE RATHER SMALL AMOUNTS OF PRECIP. MOST MODELS/ENSEMBLES SHOW BROAD TROUGHING OVER THE WESTERN US WITH DEEP MOIST FLOW OVER THE PACIFIC FROM ABOUT CENTRAL CALIFORNIA NORTH THROUGH THE PAC NW EARLY NEXT WEEK...SO IF ANOTHER SHORTWAVE MOVES THROUGH ON THE SOUTH SIDE OF THE BROAD TROUGH...WE COULD GET MORE PRECIP AFTER SUNDAY.

&&

.AVIATION...  
141635Z...AREAS OF SCT-BKN CLOUD DECKS IN THE 2500-15000 FT MSL LAYER IN THE MOUNTAINS...SOUTHERN SAN DIEGO COUNTY...AND THE HIGH DESERTS...WITH LOCALIZED MTN OBSCURATION OF COASTAL SLOPES. MOSTLY SKC AND UNRESTRICTED VIS ELSEWHERE. THESE CONDITIONS CONTINUING THROUGH 15/0000 UTC...WITH SCT CLOUDS IN THE 3000-6000 FT MSL LAYER DEVELOPING ELSEWHERE DURING THE LATE MORNING AND AFTERNOON. 15/0000-1500 UTC...CLOUDS MOSTLY DISSIPATING WITH PRIMARILY UNRESTRICTED VIS ALL AREAS. W TO NW WINDS 15-25 KT WITH GUSTS 30-35 KT AND ASSOCIATED MOD-STG UDDFS/LLWS OVER AND EAST OF THE MTNS WILL GRADUALLY DIMINISH THROUGH 15/0000 UTC.

&&

.MARINE...

835 AM...BUOYS CURRENTLY SHOW SIGNIFICANT WAVE HEIGHTS OF 10-13 FEET OVER A MAJORITY OF THE COASTAL WATERS...AND READINGS FROM THE SAN CLEMENTE BASIN BUOY SHOW NORTHWEST WINDS AT 23 KT GUSTING TO 29 KT. NORTHWEST WINDS OF 25-35 KT WILL LIKELY WEAKEN A LITTLE THIS MORNING INTO THIS AFTERNOON AND DIMINISH TONIGHT...WHILE COMBINED SEAS OF 8 TO 12 FT CONTINUE THROUGH LATE TONIGHT. SEAS WILL LOWER ON TUESDAY. A GALE WARNING REMAINS IN EFFECT. FOR ADDITIONAL DETAILS...PLEASE SEE LAXMWSGX.

&amp;&amp;

.BEACHES...

835 AM...LATEST READINGS FROM THE BUOYS OVER THE NEARSHORE WATERS OF SOUTHERN SAN DIEGO COUNTY INDICATE WAVE HEIGHTS OF 10-13 FEET WITH PERIODS OF 10-13 SECONDS. LARGE NORTHWEST SWELLS WILL CONTINUE THROUGH TODAY...PRODUCING HIGH SURF OF AROUND 5-8 FEET WITH SETS TO 10 FEET NORTH OF NEWPORT BEACH AND SOUTH OF CARLSBAD. SURF AND SWELL WILL LOWER TUESDAY. THE HIGH SURF ADVISORY REMAINS IN EFFECT THROUGH EARLY TUESDAY AFTERNOON FOR THE ORANGE AND SAN DIEGO COUNTY BEACHES. STRONG RIP CURRENTS WILL ALSO CONTINUE THROUGH THE PERIOD. FOR ADDITIONAL DETAILS...PLEASE SEE LAXCFWSGX. NO OTHER SIGNIFICANT SWELLS ARE ON THE HORIZON AFTER TUESDAY.

&amp;&amp;

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&amp;&amp;

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...FROST ADVISORY FROM 11 PM THIS EVENING TO 8 AM PST TUESDAY FOR SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-SAN DIEGO COUNTY VALLEYS.

HIGH SURF ADVISORY UNTIL 2 PM PST TUESDAY FOR ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS.

PZ...GALE WARNING UNTIL 4 AM PST TUESDAY FOR COASTAL WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT TO 30 NM-WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

&amp;&amp;

\$\$

PUBLIC...MAXWELL

AVIATION/MARINE/BEACHES...HARRISON

## IOWA STATE UNIVERSITY

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WMUS76 KSGX 141740  
NPWSGX

URGENT - WEATHER MESSAGE  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
940 AM PST MON DEC 14 2015

...WINDS DECREASING THIS MORNING...  
...AREAS OF FROST IN THE VALLEYS TONIGHT...

.LOW PRESSURE ALOFT WILL SLOWLY MOVE EAST TODAY AND RESULT IN A  
CONTINUED WEAKENING OF THE WINDS. THE LOW PRESSURE SYSTEM WILL  
LEAVE BEHIND A COLD AIR MASS WHICH WILL RESULT IN AREAS OF FROST  
TONIGHT IN THE VALLEYS AS TEMPERATURES FALL TO 30 TO 35 DEGREES  
IN MANY LOCATIONS...EXCEPT WHERE LOCAL NORTHEAST WINDS OCCUR  
BELOW PASSES AND CANYONS. TUESDAY NIGHT WILL LIKELY BE JUST AS  
COLD IN MOST AREAS.

CAZ058-062-065-141845-  
/O.CAN.KSGX.HW.W.0005.00000T0000Z-151214T2100Z/  
SAN DIEGO COUNTY MOUNTAINS-SAN DIEGO COUNTY DESERTS-  
SAN GORGONIO PASS NEAR BANNING-  
940 AM PST MON DEC 14 2015

...HIGH WIND WARNING IS CANCELLED...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS CANCELLED THE HIGH  
WIND WARNING.

WINDS WILL CONTINUE TO GRADUALLY DIMINISH TODAY.

\$\$

CAZ043-055-056-060-061-552-141845-  
/O.CAN.KSGX.WI.Y.0033.00000T0000Z-151214T2100Z/  
SAN DIEGO COUNTY COASTAL AREAS-SAN BERNARDINO COUNTY MOUNTAINS-  
RIVERSIDE COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-  
COACHELLA VALLEY-ORANGE COUNTY COASTAL AREAS-  
940 AM PST MON DEC 14 2015

...WIND ADVISORY IS CANCELLED...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS CANCELLED THE WIND  
ADVISORY.

WINDS WILL CONTINUE TO GRADUALLY DIMINISH TODAY.

\$\$

CAZ048-050-150600-  
/O.NEW.KSGX.FR.Y.0011.151215T0700Z-151215T1600Z/  
SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-  
SAN DIEGO COUNTY VALLEYS-  
940 AM PST MON DEC 14 2015

...FROST ADVISORY IN EFFECT FROM 11 PM THIS EVENING TO 8 AM PST  
TUESDAY...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A FROST  
ADVISORY...WHICH IS IN EFFECT FROM 11 PM THIS EVENING TO 8 AM PST  
TUESDAY.

\* LOCATION...WIND-SHELTERED VALLEYS

\* TEMPERATURE...MANY AREAS WILL HAVE LOWS BETWEEN 30 AND 35.

\* IMPACTS...FROST COULD DAMAGE OR KILL SENSITIVE VEGETATION.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A FROST ADVISORY MEANS THAT FROST IS POSSIBLE. SENSITIVE OUTDOOR  
PLANTS MAY BE KILLED IF LEFT UNCOVERED.

&&

\$\$

MAXWELL

439  
SRUS46 KSGX 142129  
RRMSGX

PRELIMINARY STORM PRECIPITATION TOTALS  
NATIONAL WEATHER SERVICE SAN DIEGO  
116 PM PST MONDAY DEC 14 2015

24-HOUR PRECIPITATION STORM TOTALS AS OF

116 PM MONDAY

.TOP RAINFALL AMOUNTS FROM ALL ZONES

STATION	PRECIP(IN)	ELEVATION(FT)
1. MT. LAGUNA NORTH	1.62	6265
2. CRESTLINE	1.27	5100
3. CREST PARK	1.26	5624
4. BIRCH HILL	1.25	5645
5. RUNNING SPRINGS FS	1.15	6076
6. HEAPS PEAK RAW	1.10	6350
7. PALOMAR OBSERVATORY	1.07	5560
8. PALOMAR MOUNTAIN RAW	1.07	5530
9. LAKE ARROWHEAD NW	1.06	5450
10. PALOMAR CRS	1.03	

.SAN DIEGO COUNTY COASTAL AREAS

STATION	PRECIP(IN)	ELEVATION(FT)
CPEN FALLBROOK RAW	0.28	876
BROWN FIELD	0.20	524
CAMP ELLIOT RAW	0.19	539
SD CITY HEIGHTS	0.18	305
MONTGOMERY FIELD	0.18	423
LAS FLORES RAW	0.18	100
SAN MARCOS LANDFILL	0.17	766
LINDBERGH FIELD	0.16	42
CARLSBAD EAST	0.15	610
SAN ONOFRE	0.15	162
EL CAMINO DEL NORTE	0.15	50
KEARNY MESA	0.15	455
SD UNIVERSITY HEIGHTS	0.14	345
SD LINDA VISTA	0.14	270
DEL MAR	0.14	295
FASHION VALLEY	0.13	20
TIJUANA ESTUARY	0.12	20
GOAT CANYON	0.12	110
OCEANSIDE	0.10	30
CARLSBAD AIRPORT	0.10	357
CARLSBAD	0.09	305
SAN CLEMENTE ISLAND	0.08	1520
ENCINITAS	0.18	242
POINT LOMA	0.07	364
SAN YSIDRO	0.04	30
SMUGGLERS GULCH	0.04	74
CPEN LAKE ONEILL	0.03	109
SOLANA BEACH	0.02	75

.SAN DIEGO COUNTY VALLEYS

STATION	PRECIP(IN)	ELEVATION(FT)
ALPINE RAW	0.47	2041
MT. WOODSON	0.46	1720
SD COUNTRY ESTATES	0.44	1660
LAKE WOHLFORD	0.36	1490
MIRAMAR LAKE	0.32	130
RAINBOW CAMP	0.31	1553
POWAY	0.29	440
RAMONA AIRPORT	0.27	1400
POWAY NORTH	0.26	750
RANCHO BERNARDO	0.26	690
BARONA	0.26	1280
LYONS PEAK	0.25	3710

ESCONDIDO	0.25	640
COLE GRADE RD	0.24	750
RANCHO BERNARDO	0.23	690
SAN MIGUEL RAW	0.23	425
ALPINE	0.22	1700
GOOSE VALLEY RAW	0.22	1530
VALLEY CENTER	0.21	1295
DEER SPRINGS	0.21	1000
ELFIN FOREST	0.20	625
VALLEY CENTER RAW	0.20	1370
SANTEE NORTH	0.19	505
FALLBROOK	0.19	675
RINCON SPRINGS	0.19	970
BONSALL CRS	0.18	185
FLINN SPRINGS	0.18	880
SCRIPPS RANCH EAST	0.17	930
RAMONA	0.17	1420
LEMON GROVE	0.16	427
PARADISE CREEK	0.16	950
DULZURA SUMMIT	0.16	1512
COUSER CANYON	0.16	285
LA MESA	0.16	530
DE LUZ	0.15	1275
SANDIA CK RD	0.15	342
SANTEE	0.15	300
LOS COCHES CREEK	0.14	560
HARBISON CANYON	0.14	1240
LAKESIDE	0.13	625
LAKE MURRAY	0.12	530
CAMP TRGT RANGE RAW	0.11	917
EL CAJON	0.09	493
GRANITE HILLS	0.09	533
RED MOUNTAIN	0.08	1600

## .SAN DIEGO COUNTY MOUNTAINS

STATION	PRECIP(IN)	ELEVATION(FT)
MT. LAGUNA NORTH	1.62	6265
BIRCH HILL	1.25	5645
PALOMAR OBSERVATORY	1.07	5560
PALOMAR MOUNTAIN RAW	1.07	5530
PALOMAR CRS	1.03	
LAKE CUYAMACA	0.83	4560
PINE HILLS FS	0.76	3645
LAKE CUYAMACA MESONET	0.73	4635
PINE HILLS RAW	0.71	3600
JULIAN RAW	0.67	4240
JULIAN	0.63	4230
DESCANSO RS	0.61	3650
LA JOLLA ERN TANKS	0.59	3000
DESCANSO RAW	0.58	3480
SANTA YSABEL	0.52	2990
HENSHAW DAM	0.51	2750
VOLCAN MOUNTAIN	0.51	5410
OTAY MOUNTAIN RAW	0.47	3283
VOLCAN MOUNTAIN	0.41	5210
LA JOLLA AMAGO	0.41	2400
BIG BLACK MOUNTAIN	0.39	4055
DESCANSO	0.38	3329
CAMERON RAW	0.38	3443
BOUCHER HILL	0.36	5440
ECHO DELL	0.35	3060
OAK GROVE RAW	0.23	2770
MOUNT LAGUNA RAW	0.22	5760
CAMPO 1N	0.19	2610
RANCHITA RAW	0.19	4180
WARNER SPRINGS	0.15	3040
RANCHITA	0.15	4008
CAMPO ASOS	0.15	2609
SKY OAKS	0.14	4970
MT LAGUNA	0.10	6000
WARNER SPRINGS MESONET	0.03	3050
TIERRA DEL SOL	0.01	4000

## .SAN DIEGO COUNTY DESERTS

STATION	PRECIP(IN)	ELEVATION(FT)
SAN FELIPE	0.08	2280
BORREGO PALM CANYON	0.05	790

## .ORANGE COUNTY COASTAL AREAS

STATION	PRECIP(IN)	ELEVATION(FT)
WESTMINSTER CHANNEL	0.27	40
COTO DE CAZA	0.24	730
SAN JUAN GUARD	0.24	660
YORBA RESERVOIR	0.23	300
VILLA PARK DAM	0.23	560
BELL CANYON	0.23	700
MILLER BASIN	0.21	220
LAGUNA HILLS	0.20	400
SANTA ANA FIRE	0.20	112
BEE CANYON	0.20	755
YORBA PARK	0.20	305
ALAMEDA STORM CHANNEL	0.20	339
OCEANVIEW	0.20	43
LAKE FOREST	0.19	970
YORBA LINDA	0.19	370
FULLERTON CREEK	0.19	95
LAGUNA AUDUBON	0.19	314
UPPER OSO CREEK	0.19	420
LAGUNA NIGUEL PARK	0.19	200
ORANGE WEST	0.17	120
FULLERTON AIRPORT	0.17	96
JOHN WAYNE AIRPORT	0.17	50
BREA 2W	0.16	340
E GARDEN GVE/WNTRSBRG	0.16	120
SANTA ANA ENGINEERING	0.16	170
EL MODENA-IRVINE	0.16	70
UPPER ALISO CREEK	0.16	560
SAN JUAN CAPISTRANO	0.16	75
PICO RETARDING BASIN	0.16	760
FULLERTON CSU	0.15	240
GILBERT RETARDING BSN	0.15	100
HUNTINGTON BEACH	0.15	20
LAGUNA BCH @ WOODLAND	0.15	47
BREA OLINDA	0.12	750
ANAHEIM BARBER CITY	0.12	5
CORONA DEL MAR	0.12	300
GARDEN GROVE	0.12	80
COSTA MESA	0.12	47
SAN DIEGO CK @ CULVER	0.12	70
LAGUNA CYN REPEATER	0.12	530
SANTIAGO CREEK	0.12	120
MOULTON PEAK REPEATER	0.12	888
SAN DIEGO CK @ CAMPUS	0.08	20
SANTA ANA DELHI CHNL	0.07	24
SEGUNDA DESHECA	0.05	85
SAN CLEMENTE PIER	0.04	25
PETERS CANYON WASH	0.04	40

## .SANTA ANA MOUNTAINS

STATION	PRECIP(IN)	ELEVATION(FT)
KSOX RADAR SITE	0.43	3092
SANTIAGO PEAK	0.36	5660
UPPER SILVERADO CYN	0.36	2880
MODJESKA CANYON	0.35	1260
SILVERADO MOTORWAY	0.31	3969
SANTIAGO CREEK	0.28	1210
EL CARISO	0.27	2600
EL CARISO RAWS	0.25	2660
SIERRA PEAK	0.20	3040
SANTA ROSA PLATEAU	0.18	1980
FREMONT CANYON RAWS	0.15	1781
SYLVAN MEADOWS	0.08	1892

## .SAN BERNARDINO COUNTY VALLEYS-THE INLAND EMPIRE

STATION	PRECIP(IN)	ELEVATION(FT)
HEMLOCK BURN	0.78	2280
CUCAMONGA CANYON	0.63	1766
LARSON RANCH	0.63	2121
ALTA LOMA	0.59	1940
SAN ANTONIO HEIGHTS	0.59	2335
DAY CANYON	0.48	1880
GLEN HELEN REG PARK	0.48	2000
CAL ST SAN BERNARDINO	0.40	1556
SMALL CANYON DAM	0.40	1810
ELDER CREEK	0.40	1649
SAN SEVAINE CHANNEL	0.36	1144
PLUNGE CREEK CANYON	0.36	1590



CUCAMONGA BASIN	0.35	1551
ELDER GULCH	0.32	2933
HIGHLAND PLUNGE CREEK	0.32	1911
CENTRAL VALLEY FIRE	0.28	1114
RIALTO AIRPORT	0.28	1418
YUCAIPA REGIONAL	0.27	2620
GILBERT ST NR SBD	0.24	1120
ONTARIO FS #4	0.20	1081
SAN BERNARDINO CO YRD	0.20	1033
CABAZON RAWS	0.20	2155
ONTARIO AIRPORT	0.17	922
LITTLE CHINO CK	0.16	646
WILSON CREEK	0.16	2235
CHINO HILLS	0.12	988
RIALTO FIRE STATION	0.12	1211
RIALTO CHANNEL	0.12	1018
LYTLE CREEK CANYON	0.11	3060
CORONA LUISENO	0.07	1395
ELY BASIN	0.07	832
CHINO AIRPORT	0.07	650

## .RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE

STATION	PRECIP(IN)	ELEVATION(FT)
FRENCH VALLEY	0.29	1425
BEAUMONT RAWS	0.26	2680
CRANSTON RAWS	0.24	1950
SKINNER LAKE	0.20	1700
BEAUMONT	0.20	2624
FRENCH VALLEY AIRPORT	0.16	909
HEMET VALLE VISTA	0.12	2050
RIVERSIDE SOUTH	0.12	875
MORENO-CLARK	0.12	1810
RIVERSIDE AIRPORT	0.10	847
RIV PRESIDENTIAL PARK	0.08	880
NORCO	0.08	650
PORTRERO CANYON	0.08	2220
TEMECULA	0.08	1180
HEMET/RYAN FIELD	0.08	1510
PIGEON PASS DAM	0.08	1700
MURRIETA	0.07	1250
CLARK RAWS	0.07	1718
VAIL LAKE	0.06	1470
LAKE MATTHEWS RAWS	0.06	1522
RIVERSIDE - MARCH ARB	0.05	1535
WOODCREST DAM	0.04	861
RAILROAD CANYON DAM	0.04	1420
PERRIS CDF	0.04	924
GILMAN HOT SPRINGS	0.04	1511
MURRIETA CK AT TENAJA	0.04	1100

## .RIVERSIDE COUNTY MOUNTAINS

STATION	PRECIP(IN)	ELEVATION(FT)
IDYLLWILD	1.00	5370
ALLANDALE	0.87	5800
PINE COVE	0.76	6325
LIVE OAK CANYON	0.75	6000
TICK RIDGE	0.71	4236
SNOW CK 7N IDYLLWILD	0.59	6800
VISTA GRANDE RAWS	0.53	4700
POPPET FLAT RAWS	0.51	3830
KEENWILD RAWS	0.48	4920
VISTA GRANDE	0.47	4939
BANNING BENCH	0.44	3619
GARNER VALLEY CENTRAL	0.37	4585
SAGE RAWS	0.21	2560
PINYON PINES RAWS	0.12	4060
ANZA SOUTHEAST	0.08	3920
MOUNT SAN JACINTO	0.01	8616

## .COACHELLA VALLEY

STATION	PRECIP(IN)	ELEVATION(FT)
WHITEWATER TROUT FARM	0.35	2200
MORONGO VALLEY 4SSW	0.12	2400
PALM CANYON CREEK	0.12	700
HILL	0.08	2270
WINDY POINT	0.04	1060
LOWER TAHQUITZ CREEK	0.04	560
CATHEDRAL CANYON	0.02	605

## .SAN BERNARDINO COUNTY MOUNTAINS

STATION	PRECIP(IN)	ELEVATION(FT)
CRESTLINE	1.27	5100
CREST PARK	1.26	5624
RUNNING SPRINGS FS	1.15	6076
HEAPS PEAK RAW	1.10	6350
LAKE ARROWHEAD NW	1.06	5450
PANORAMA POINT	1.02	3887
RUNNING SPRINGS PARK	0.86	5440
LAKE ARROWHEAD N	0.84	5180
STRAWBERRY CREEK	0.78	2986
LAKE ARROWHEAD WEST	0.75	5360
CABLE CANYON	0.67	5516
DEER CREEK DAM	0.67	2917
MANZANITA FLATS	0.64	3920
MILL CREEK EAST	0.63	4420
MT BALDY VILLAGE	0.47	4230
OAK CREEK CANYON	0.47	3676
LYTLE CREEK RAW	0.46	2790
RAYWOOD FLATS	0.36	7097
CONVERSE RAW	0.34	5200
WILDWOOD CANYON	0.28	2946
BAILY CANYON	0.27	3388
OAK GLEN FIRE	0.27	4664
OAK GLEN WATERSHED	0.27	4923
YUCAIPA RIDGE	0.24	9020
CRESTLINE RIDGE	0.23	5300
BIG BEAR LAKE	0.22	6768
GREEN VALLEY LAKE	0.13	7000
FAWNSKIN RAW	0.10	6903
UPPER DAY CANYON	0.08	5768
HEART BAR	0.08	6690
BIG PINE FLAT RAW	0.06	6908
MORMON ROCK RAW	0.05	3300
BLUE RIDGE	0.01	8500
RUNNING SPRINGS	0.01	6255
SNOW PEAK	0.01	7865

## .APPLE AND LUCERNE VALLEYS

STATION	PRECIP(IN)	ELEVATION(FT)
LUCERNE VALLEY	0.26	3035
MOJAVE FORKS DAM	0.21	2449
GRANITE MOUNTAIN RAW	0.19	4720
VICTORVILLE LANDFILL	0.17	2959
ADELANTO	0.14	2896
APPLE VALLEY	0.13	2762
HESPERIA	0.08	3580
DESERT KNOLLS WASH	0.08	2808
HELENDALE	0.08	2428
HELENDALE SILV. LAKES	0.04	2425
MEANS LAKE RAW	0.01	2900

NOTICE...THIS REPORT CONTAINS PROVISIONAL DATA FROM AUTOMATED GAUGES. THE ACCURACY OF THIS DATA HAS NOT BE VERIFIED.  
ELEV=ELEVATION IN FEET. STATIONS ABOVE THE FREEZING LEVEL WILL NOT SHOW ACCUMULATING PRECIPITATION.

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RRMSGX

PRELIMINARY STORM PRECIPITATION TOTALS  
NATIONAL WEATHER SERVICE SAN DIEGO  
131 PM PST MONDAY DEC 14 2015

24-HOUR PRECIPITATION STORM TOTALS AS OF

\_\_\_\_\_131 PM MONDAY\_\_\_\_\_

.TOP RAINFALL AMOUNTS FROM ALL ZONES

STATION	PRECIP(IN)	ELEVATION(FT)
1. MT. LAGUNA NORTH	1.62	6265
2. CREST PARK	1.30	5624
3. CRESTLINE	1.27	5100
4. BIRCH HILL	1.25	5645
5. HEAPS PEAK RAW	1.23	6350
6. RUNNING SPRINGS FS	1.15	6076
7. PALOMAR OBSERVATORY	1.07	5560
8. PALOMAR MOUNTAIN RAW	1.07	5530
9. LAKE ARROWHEAD NW	1.06	5450
10. PALOMAR CRS	1.03	

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.SAN DIEGO COUNTY COASTAL AREAS

STATION	PRECIP(IN)	ELEVATION(FT)
CPEN FALLBROOK RAW	0.28	876
BROWN FIELD	0.20	524
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LINDBERGH FIELD	0.16	42
CARLSBAD EAST	0.15	610
SAN ONOFRE	0.15	162
EL CAMINO DEL NORTE	0.15	50
KEARNY MESA	0.15	455
SD UNIVERSITY HEIGHTS	0.14	345
SD LINDA VISTA	0.14	270
DEL MAR	0.14	295
FASHION VALLEY	0.13	20
TIJUANA ESTUARY	0.12	20
GOAT CANYON	0.12	110
OCEANSIDE	0.10	30
CARLSBAD AIRPORT	0.10	357
CARLSBAD	0.09	305
SAN CLEMENTE ISLAND	0.08	1520
ENCINITAS	0.08	242
POINT LOMA	0.07	364
SAN YSIDRO	0.04	30
SMUGGLERS GULCH	0.04	74
CPEN LAKE ONEILL	0.03	109
SOLANA BEACH	0.02	75

.SAN DIEGO COUNTY VALLEYS

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RAINBOW CAMP	0.31	1553
POWAY	0.29	440
RAMONA AIRPORT	0.27	1400
POWAY NORTH	0.26	750
RANCHO BERNARDO	0.26	690
BARONA	0.26	1280
LYONS PEAK	0.25	3710

ESCONDIDO	0.25	640
COLE GRADE RD	0.24	750
RANCHO BERNARDO	0.23	690
SAN MIGUEL RAWs	0.23	425
ALPINE	0.22	1700
GOOSE VALLEY RAWs	0.22	1530
VALLEY CENTER	0.21	1295
DEER SPRINGS	0.21	1000
ELFIN FOREST	0.20	625
VALLEY CENTER RAWs	0.20	1370
SANTEE NORTH	0.19	505
FALLBROOK	0.19	675
BONSALL CRS	0.19	185
RINCON SPRINGS	0.19	970
FLINN SPRINGS	0.18	880
SCRIPPS RANCH EAST	0.17	930
RAMONA	0.17	1420
LEMON GROVE	0.16	427
PARADISE CREEK	0.16	950
DULZURA SUMMIT	0.16	1512
COUSER CANYON	0.16	285
LA MESA	0.16	530
DE LUZ	0.15	1275
SANDIA CK RD	0.15	342
SANTEE	0.15	300
LOS COCHES CREEK	0.14	560
HARBISON CANYON	0.14	1240
LAKEsIDE	0.13	625
LAKE MURRAY	0.12	530
CAMP TRGT RANGE RAWs	0.11	917
EL CAJON	0.09	493
GRANITE HILLS	0.09	533
RED MOUNTAIN	0.08	1600

## .SAN DIEGO COUNTY MOUNTAINS

STATION	PRECIP(IN)	ELEVATION(FT)
MT. LAGUNA NORTH	1.62	6265
BIRCH HILL	1.25	5645
PALOMAR OBSERVATORY	1.07	5560
PALOMAR MOUNTAIN RAWs	1.07	5530
PALOMAR CRS	1.03	
LAKE CUYAMACA	0.83	4560
PINE HILLS FS	0.76	3645
LAKE CUYAMACA MESONET	0.73	4635
PINE HILLS RAWs	0.71	3600
JULIAN RAWs	0.67	4240
JULIAN	0.63	4230
DESCANSO RS	0.61	3650
LA JOLLA ERN TANKs	0.59	3000
DESCANSO RAWs	0.58	3480
SANTA YSABEL	0.52	2990
HENSHAW DAM	0.51	2750
VOLCAN MOUNTAIN	0.51	5410
OTAY MOUNTAIN RAWs	0.47	3283
VOLCAN MOUNTAIN	0.41	5210
LA JOLLA AMAGO	0.41	2400
BIG BLACK MOUNTAIN	0.39	4055
DESCANSO	0.38	3329
CAMERON RAWs	0.38	3443
BOUCHER HILL	0.36	5440
ECHO DELL	0.35	3060
OAK GROVE RAWs	0.23	2770
MOUNT LAGUNA RAWs	0.22	5760
CAMPO 1N	0.19	2610
RANCHITA RAWs	0.19	4180
WARNER SPRINGS	0.15	3040
RANCHITA	0.15	4008
CAMPO ASOS	0.15	2609
SKY OAKs	0.14	4970
MT LAGUNA	0.10	6000
WARNER SPRINGS MESONET	0.03	3050
TIERRA DEL SOL	0.01	4000

## .SAN DIEGO COUNTY DESERTS

STATION	PRECIP(IN)	ELEVATION(FT)
SAN FELIPE	0.08	2280
BORREGO PALM CANYON	0.05	790

## .ORANGE COUNTY COASTAL AREAS

STATION	PRECIP(IN)	ELEVATION(FT)
WESTMINSTER CHANNEL	0.27	40
COTO DE CAZA	0.24	730
SAN JUAN GUARD	0.24	660
YORBA RESERVOIR	0.23	300
VILLA PARK DAM	0.23	560
BELL CANYON	0.23	700
MILLER BASIN	0.21	220
LAGUNA HILLS	0.20	400
SANTA ANA FIRE	0.20	112
BEE CANYON	0.20	755
YORBA PARK	0.20	305
ALAMEDA STORM CHANNEL	0.20	339
OCEANVIEW	0.20	43
LAKE FOREST	0.19	970
YORBA LINDA	0.19	370
FULLERTON CREEK	0.19	95
LAGUNA AUDUBON	0.19	314
UPPER OSO CREEK	0.19	420
LAGUNA NIGUEL PARK	0.19	200
ORANGE WEST	0.17	120
FULLERTON AIRPORT	0.17	96
JOHN WAYNE AIRPORT	0.17	50
BREA 2W	0.16	340
E GARDEN GVE/WNTRSBRG	0.16	120
SANTA ANA ENGINEERING	0.16	170
EL MODENA-IRVINE	0.16	70
UPPER ALISO CREEK	0.16	560
SAN JUAN CAPISTRANO	0.16	75
PICO RETARDING BASIN	0.16	760
FULLERTON CSU	0.15	240
GILBERT RETARDING BSN	0.15	100
HUNTINGTON BEACH	0.15	20
LAGUNA BCH @ WOODLAND	0.15	47
BREA OLINDA	0.12	750
ANAHEIM BARBER CITY	0.12	5
CORONA DEL MAR	0.12	300
GARDEN GROVE	0.12	80
COSTA MESA	0.12	47
SAN DIEGO CK @ CULVER	0.12	70
LAGUNA CYN REPEATER	0.12	530
SANTIAGO CREEK	0.12	120
MOULTON PEAK REPEATER	0.12	888
SAN DIEGO CK @ CAMPUS	0.08	20
SANTA ANA DELHI CHNL	0.07	24
SEGUNDA DESHECA	0.05	85
SAN CLEMENTE PIER	0.04	25
PETERS CANYON WASH	0.04	40

## .SANTA ANA MOUNTAINS

STATION	PRECIP(IN)	ELEVATION(FT)
KSOX RADAR SITE	0.43	3092
SANTIAGO PEAK	0.36	5660
UPPER SILVERADO CYN	0.36	2880
MODJESKA CANYON	0.35	1260
SILVERADO MOTORWAY	0.31	3969
SANTIAGO CREEK	0.28	1210
EL CARISO	0.27	2600
EL CARISO RAWS	0.25	2660
SIERRA PEAK	0.20	3040
SANTA ROSA PLATEAU	0.18	1980
FREMONT CANYON RAWS	0.15	1781
SYLVAN MEADOWS	0.08	1892

## .SAN BERNARDINO COUNTY VALLEYS-THE INLAND EMPIRE

STATION	PRECIP(IN)	ELEVATION(FT)
HEMLOCK BURN	0.78	2280
CUCAMONGA CANYON	0.63	1766
LARSON RANCH	0.63	2121
ALTA LOMA	0.59	1940
SAN ANTONIO HEIGHTS	0.59	2335
DAY CANYON	0.48	1880
GLEN HELEN REG PARK	0.48	2000
CAL ST SAN BERNARDINO	0.40	1556
SMALL CANYON DAM	0.40	1810
ELDER CREEK	0.40	1649
SAN SEVAINE CHANNEL	0.36	1144
PLUNGE CREEK CANYON	0.36	1590

CUCAMONGA BASIN	0.35	1551
ELDER GULCH	0.32	2933
HIGHLAND PLUNGE CREEK	0.32	1911
CENTRAL VALLEY FIRE	0.28	1114
RIALTO AIRPORT	0.28	1418
YUCAIPA REGIONAL	0.27	2620
GILBERT ST NR SBD	0.24	1120
ONTARIO FS #4	0.20	1081
SAN BERNARDINO CO YRD	0.20	1033
CABAZON RAWS	0.20	2155
ONTARIO AIRPORT	0.17	922
LITTLE CHINO CK	0.16	646
WILSON CREEK	0.16	2235
CHINO HILLS	0.12	988
RIALTO FIRE STATION	0.12	1211
RIALTO CHANNEL	0.12	1018
LYTLE CREEK CANYON	0.11	3060
CORONA LUISENO	0.07	1395
ELY BASIN	0.07	832
CHINO AIRPORT	0.07	650

## .RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE

STATION	PRECIP(IN)	ELEVATION(FT)
FRENCH VALLEY	0.29	1425
BEAUMONT RAWS	0.26	2680
CRANSTON RAWS	0.24	1950
SKINNER LAKE	0.20	1700
BEAUMONT	0.20	2624
FRENCH VALLEY AIRPORT	0.16	909
HEMET VALLE VISTA	0.12	2050
RIVERSIDE SOUTH	0.12	875
MORENO-CLARK	0.12	1810
RIVERSIDE AIRPORT	0.10	847
RIV PRESIDENTIAL PARK	0.08	880
NORCO	0.08	650
PORTRERO CANYON	0.08	2220
TEMECULA	0.08	1180
HEMET/RYAN FIELD	0.08	1510
PIGEON PASS DAM	0.08	1700
MURRIETA	0.07	1250
CLARK RAWS	0.07	1718
VAIL LAKE	0.06	1470
LAKE MATTHEWS RAWS	0.06	1522
RIVERSIDE - MARCH ARB	0.05	1535
WOODCREST DAM	0.04	861
RAILROAD CANYON DAM	0.04	1420
PERRIS CDF	0.04	924
GILMAN HOT SPRINGS	0.04	1511
MURRIETA CK AT TENAJA	0.04	1100

## .RIVERSIDE COUNTY MOUNTAINS

STATION	PRECIP(IN)	ELEVATION(FT)
IDYLLWILD	1.00	5370
ALLANDALE	0.87	5800
PINE COVE	0.76	6325
LIVE OAK CANYON	0.75	6000
TICK RIDGE	0.71	4236
SNOW CK 7N IDYLLWILD	0.55	6800
VISTA GRANDE RAWS	0.53	4700
POPPET FLAT RAWS	0.51	3830
KEENWILD RAWS	0.48	4920
VISTA GRANDE	0.47	4939
BANNING BENCH	0.44	3619
GARNER VALLEY CENTRAL	0.37	4585
SAGE RAWS	0.21	2560
PINYON PINES RAWS	0.12	4060
ANZA SOUTHEAST	0.08	3920
MOUNT SAN JACINTO	0.01	8616

## .COACHELLA VALLEY

STATION	PRECIP(IN)	ELEVATION(FT)
WHITEWATER TROUT FARM	0.35	2200
MORONGO VALLEY 4SSW	0.12	2400
PALM CANYON CREEK	0.12	700
HILL	0.08	2270
WINDY POINT	0.04	1060
LOWER TAHQUITZ CREEK	0.04	560
CATHEDRAL CANYON	0.02	605

## .SAN BERNARDINO COUNTY MOUNTAINS

STATION	PRECIP(IN)	ELEVATION(FT)
CREST PARK	1.30	5624
CRESTLINE	1.27	5100
HEAPS PEAK RAWS	1.23	6350
RUNNING SPRINGS FS	1.15	6076
LAKE ARROWHEAD NW	1.06	5450
PANORAMA POINT	1.02	3887
RUNNING SPRINGS PARK	0.86	5440
LAKE ARROWHEAD N	0.84	5180
STRAWBERRY CREEK	0.78	2986
LAKE ARROWHEAD WEST	0.75	5360
CABLE CANYON	0.67	5516
DEER CREEK DAM	0.67	2917
MANZANITA FLATS	0.64	3920
MILL CREEK EAST	0.63	4420
MT BALDY VILLAGE	0.47	4230
OAK CREEK CANYON	0.47	3676
LYTLE CREEK RAWS	0.46	2790
RAYWOOD FLATS	0.40	7097
CONVERSE RAWS	0.34	5200
WILDWOOD CANYON	0.28	2946
BAILY CANYON	0.27	3388
OAK GLEN FIRE	0.27	4664
OAK GLEN WATERSHED	0.27	4923
YUCAIPA RIDGE	0.24	9020
CRESTLINE RIDGE	0.23	5300
BIG BEAR LAKE	0.22	6768
GREEN VALLEY LAKE	0.13	7000
FAWNSKIN RAWS	0.10	6903
UPPER DAY CANYON	0.08	5768
HEART BAR	0.08	6690
BIG PINE FLAT RAWS	0.06	6908
MORMON ROCK RAWS	0.05	3300
BLUE RIDGE	0.01	8500
RUNNING SPRINGS	0.01	6255
SNOW PEAK	0.01	7865

## .APPLE AND LUCERNE VALLEYS

STATION	PRECIP(IN)	ELEVATION(FT)
LUCERNE VALLEY	0.26	3035
MOJAVE FORKS DAM	0.21	2449
GRANITE MOUNTAIN RAWS	0.19	4720
VICTORVILLE LANDFILL	0.17	2959
ADELANTO	0.14	2896
APPLE VALLEY	0.13	2762
HESPERIA	0.08	3580
DESERT KNOLLS WASH	0.08	2808
HELENDALE	0.08	2428
HELENDALE SILV. LAKES	0.04	2425
MEANS LAKE RAWS	0.01	2900

NOTICE...THIS REPORT CONTAINS PROVISIONAL DATA FROM AUTOMATED GAUGES. THE ACCURACY OF THIS DATA HAS NOT BE VERIFIED.  
ELEV=ELEVATION IN FEET. STATIONS ABOVE THE FREEZING LEVEL WILL NOT SHOW ACCUMULATING PRECIPITATION.

## IOWA STATE UNIVERSITY

College of Ag  
Department of Agronomy

**Department of Agronomy**

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384  
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RRMSGX

FINAL STORM PRECIPITATION TOTALS  
NATIONAL WEATHER SERVICE SAN DIEGO  
137 PM PST MONDAY DEC 14 2015

STORM TOTAL PRECIP FROM SUNDAY NIGHT TO MONDAY MORNING

130 PM MONDAY

.SNOW REPORTS FROM ALL ZONES

STATION	SNOW(IN)	ELEVATION(FT)
1. BIG BEAR BEAR MOUNTAIN RESORT	3"-4"	8500
2. GREEN VALLEY LAKE	4"	7200
3. RUNNING SPRINGS	3"	6100
4. ARROWBEAR	3"	6000
5. BIG BEAR CITY	1.5"-2"	7000
6. FOREST FALLS	1.5"	5600
7. MT. SAN JACINTO	1.0"	8500
8. CEDAR GLEN	0.5"	5280
9. WRIGHTWOOD	0.25"	6200
10. PINE COVE	0.25"	6150
11. PALOMAR MOUNTAIN	TRACE	6000
12. MOUNT LAGUNA	TRACE	6300

.TOP RAINFALL AMOUNTS FROM ALL ZONES

STATION	PRECIP(IN)	ELEVATION(FT)
1. CREST PARK	1.30	5624
2. CRESTLINE	1.27	5100
3. BIRCH HILL	1.25	5645
4. HEAPS PEAK RAWS	1.23	6350
5. RUNNING SPRINGS FS	1.15	6076
6. PALOMAR OBSERVATORY	1.07	5560
7. PALOMAR MOUNTAIN RAWS	1.07	5530
8. LAKE ARROWHEAD NW	1.06	5450
9. PALOMAR CRS	1.03	5387

\*STATIONS ABOVE THE FREEZING LEVEL MAY NOT SHOW  
ACCURATE ACCUMULATING PRECIPITATION.

.SAN DIEGO COUNTY COASTAL AREAS

STATION	PRECIP(IN)	ELEVATION(FT)
CPEN FALLBROOK RAWS	0.28	876
BROWN FIELD	0.20	524
CAMP ELLIOT RAWS	0.19	539
SD CITY HEIGHTS	0.18	305
MONTGOMERY FIELD	0.18	423
LAS FLORES RAWS	0.18	100
SAN MARCOS LANDFILL	0.17	766
LINDBERGH FIELD	0.16	42
CARLSBAD EAST	0.15	610
SAN ONOFRE	0.15	162
EL CAMINO DEL NORTE	0.15	50
KEARNY MESA	0.15	455
SD UNIVERSITY HEIGHTS	0.14	345
SD LINDA VISTA	0.14	270
DEL MAR	0.14	295
FASHION VALLEY	0.13	20
TIJUANA ESTUARY	0.12	20
GOAT CANYON	0.12	110
OCEANSIDE	0.10	30
CARLSBAD AIRPORT	0.10	357
CARLSBAD	0.09	305
SAN CLEMENTE ISLAND	0.08	1520
ENCINITAS	0.08	242
POINT LOMA	0.07	364
SAN YSIDRO	0.04	30
SMUGGLERS GULCH	0.04	74



CPEN LAKE ONEILL	0.03	109
SOLANA BEACH	0.02	75

## .SAN DIEGO COUNTY VALLEYS

STATION	PRECIP(IN)	ELEVATION(FT)
ALPINE RAWS	0.47	2041
MT. WOODSON	0.46	1720
SD COUNTRY ESTATES	0.44	1660
LAKE WOHLFORD	0.36	1490
MIRAMAR LAKE	0.32	130
RAINBOW CAMP	0.31	1553
POWAY	0.29	440
RAMONA AIRPORT	0.27	1400
POWAY NORTH	0.26	750
RANCHO BERNARDO	0.26	690
BARONA	0.26	1280
LYONS PEAK	0.25	3710
ESCONDIDO	0.25	640
COLE GRADE RD	0.24	750
RANCHO BERNARDO	0.23	690
SAN MIGUEL RAWS	0.23	425
ALPINE	0.22	1700
GOOSE VALLEY RAWS	0.22	1530
VALLEY CENTER	0.21	1295
DEER SPRINGS	0.21	1000
ELFIN FOREST	0.20	625
VALLEY CENTER RAWS	0.20	1370
SANTEE NORTH	0.19	505
FALLBROOK	0.19	675
BONSALL CRS	0.19	185
RINCON SPRINGS	0.19	970
FLINN SPRINGS	0.18	880
SCRIPPS RANCH EAST	0.17	930
RAMONA	0.17	1420
LEMON GROVE	0.16	427
PARADISE CREEK	0.16	950
DULZURA SUMMIT	0.16	1512
COUSER CANYON	0.16	285
LA MESA	0.16	530
DE LUZ	0.15	1275
SANDIA CK RD	0.15	342
SANTEE	0.15	300
LOS COCHES CREEK	0.14	560
HARBISON CANYON	0.14	1240
LAKESIDE	0.13	625
LAKE MURRAY	0.12	530
CAMP TRGT RANGE RAWS	0.11	917
EL CAJON	0.09	493
GRANITE HILLS	0.09	533
RED MOUNTAIN	0.08	1600

## .SAN DIEGO COUNTY MOUNTAINS

STATION	PRECIP(IN)	ELEVATION(FT)
BIRCH HILL	1.25 *	5645
PALOMAR OBSERVATORY	1.07 *	5560
PALOMAR MOUNTAIN RAWS	1.07 *	5530
PALOMAR CRS	1.03 *	5700
LAKE CUYAMACA	0.83	4560
PINE HILLS FS	0.76	3645
LAKE CUYAMACA MESONET	0.73	4635
PINE HILLS RAWS	0.71	3600
JULIAN RAWS	0.67	4240
JULIAN	0.63	4230
DESCANSO RS	0.61	3650
LA JOLLA ERN TANKS	0.59	3000
DESCANSO RAWS	0.58	3480
SANTA YSABEL	0.52	2990
HENSHAW DAM	0.51	2750
VOLCAN MOUNTAIN	0.51 *	5410
OTAY MOUNTAIN RAWS	0.47	3283
VOLCAN MOUNTAIN	0.41 *	5210
LA JOLLA AMAGO	0.41	2400
BIG BLACK MOUNTAIN	0.39	4055
DESCANSO	0.38	3329
CAMERON RAWS	0.38	3443
BOUCHER HILL	0.36 *	5440
ECHO DELL	0.35	3060
OAK GROVE RAWS	0.23	2770
MOUNT LAGUNA RAWS	0.22 *	5760

CAMPO 1N	0.19	2610
RANCHITA RAW	0.19	4180
WARNER SPRINGS	0.15	3040
RANCHITA	0.15	4008
CAMPO ASOS	0.15	2609
SKY OAKS	0.14	4970
MT LAGUNA	0.10 *	6000
WARNER SPRINGS MESONET	0.03	3050
TIERRA DEL SOL	0.01	4000

## .SAN DIEGO COUNTY DESERTS

STATION	PRECIP(IN)	ELEVATION(FT)
SAN FELIPE	0.08	2280
BORREGO PALM CANYON	0.05	790

## .ORANGE COUNTY COASTAL AREAS

STATION	PRECIP(IN)	ELEVATION(FT)
WESTMINSTER CHANNEL	0.27	40
COTO DE CAZA	0.24	730
SAN JUAN GUARD	0.24	660
YORBA RESERVOIR	0.23	300
VILLA PARK DAM	0.23	560
BELL CANYON	0.23	700
MILLER BASIN	0.21	220
LAGUNA HILLS	0.20	400
SANTA ANA FIRE	0.20	112
BEE CANYON	0.20	755
YORBA PARK	0.20	305
ALAMEDA STORM CHANNEL	0.20	339
OCEANVIEW	0.20	43
LAKE FOREST	0.19	970
YORBA LINDA	0.19	370
FULLERTON CREEK	0.19	95
LAGUNA AUDUBON	0.19	314
UPPER OSO CREEK	0.19	420
LAGUNA NIGUEL PARK	0.19	200
ORANGE WEST	0.17	120
FULLERTON AIRPORT	0.17	96
JOHN WAYNE AIRPORT	0.17	50
BREA 2W	0.16	340
SANTA ANA ENGINEERING	0.16	170
EL MODENA-IRVINE	0.16	70
UPPER ALISO CREEK	0.16	560
SAN JUAN CAPISTRANO	0.16	75
PICO RETARDING BASIN	0.16	760
FULLERTON CSU	0.15	240
GILBERT RETARDING BSN	0.15	100
HUNTINGTON BEACH	0.15	20
LAGUNA BCH @ WOODLAND	0.15	47
BREA OLINDA	0.12	750
ANAHEIM BARBER CITY	0.12	5
CORONA DEL MAR	0.12	300
GARDEN GROVE	0.12	80
COSTA MESA	0.12	47
SAN DIEGO CK @ CULVER	0.12	70
LAGUNA CYN REPEATER	0.12	530
E GARDEN GVE/WNTRSBRG	0.12	120
SANTIAGO CREEK	0.12	120
MOULTON PEAK REPEATER	0.12	888
SAN DIEGO CK @ CAMPUS	0.08	20
SANTA ANA DELHI CHNL	0.07	24
SEGUNDA DESHECA	0.05	85
SAN CLEMENTE PIER	0.04	25
PETERS CANYON WASH	0.04	40

## .SANTA ANA MOUNTAINS

STATION	PRECIP(IN)	ELEVATION(FT)
KSOX RADAR SITE	0.43	3092
SANTIAGO PEAK	0.36 *	5660
UPPER SILVERADO CYN	0.36	2880
MODJESKA CANYON	0.35	1260
SILVERADO MOTORWAY	0.31	3969
SANTIAGO CREEK	0.28	1210
EL CARISO	0.27	2600
EL CARISO RAW	0.25	2660
SIERRA PEAK	0.20	3040
SANTA ROSA PLATEAU	0.18	1980
FREMONT CANYON RAW	0.15	1781

SYLVAN MEADOWS 0.08 1892

.SAN BERNARDINO COUNTY VALLEYS-THE INLAND EMPIRE

STATION	PRECIP(IN)	ELEVATION(FT)
HEMLOCK BURN	0.78	2280
CUCAMONGA CANYON	0.63	1766
LARSON RANCH	0.63	2121
ALTA LOMA	0.59	1940
SAN ANTONIO HEIGHTS	0.59	2335
DAY CANYON	0.48	1880
GLEN HELEN REG PARK	0.48	2000
CAL ST SAN BERNARDINO	0.40	1556
SMALL CANYON DAM	0.40	1810
ELDER CREEK	0.40	1649
SAN SEVAINE CHANNEL	0.36	1144
PLUNGE CREEK CANYON	0.36	1590
CUCAMONGA BASIN	0.35	1551
ELDER GULCH	0.32	2933
HIGHLAND PLUNGE CREEK	0.32	1911
CENTRAL VALLEY FIRE	0.28	1114
RIALTO AIRPORT	0.28	1418
YUCAIPA REGIONAL	0.27	2620
GILBERT ST NR SBD	0.24	1120
ONTARIO FS #4	0.20	1081
SAN BERNARDINO CO YRD	0.20	1033
CABAZON RAWS	0.20	2155
ONTARIO AIRPORT	0.17	922
LITTLE CHINO CK	0.16	646
WILSON CREEK	0.16	2235
CHINO HILLS	0.12	988
RIALTO FIRE STATION	0.12	1211
RIALTO CHANNEL	0.12	1018
LYTLE CREEK CANYON	0.11	3060
CORONA LUISENO	0.07	1395
ELY BASIN	0.07	832
CHINO AIRPORT	0.07	650

.RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE

STATION	PRECIP(IN)	ELEVATION(FT)
FRENCH VALLEY	0.29	1425
BEAUMONT RAWS	0.26	2680
CRANSTON RAWS	0.24	1950
SKINNER LAKE	0.20	1700
BEAUMONT	0.20	2624
FRENCH VALLEY AIRPORT	0.16	909
HEMET VALLE VISTA	0.12	2050
RIVERSIDE SOUTH	0.12	875
MORENO-CLARK	0.12	1810
RIVERSIDE AIRPORT	0.10	847
RIV PRESIDENTIAL PARK	0.08	880
NORCO	0.08	650
PORTRERO CANYON	0.08	2220
TEMECULA	0.08	1180
HEMET/RYAN FIELD	0.08	1510
PIGEON PASS DAM	0.08	1700
MURRIETA	0.07	1250
CLARK RAWS	0.07	1718
VAIL LAKE	0.06	1470
LAKE MATTHEWS RAWS	0.06	1522
RIVERSIDE - MARCH ARB	0.05	1535
WOODCREST DAM	0.04	861
RAILROAD CANYON DAM	0.04	1420
PERRIS CDF	0.04	924
GILMAN HOT SPRINGS	0.04	1511
MURRIETA CK AT TENAJA	0.04	1100

.RIVERSIDE COUNTY MOUNTAINS

STATION	PRECIP(IN)	ELEVATION(FT)
IDYLLWILD	1.00 *	5370
ALLANDALE	0.87 *	5800
PINE COVE	0.76 *	6325
LIVE OAK CANYON	0.75 *	6000
TICK RIDGE	0.71	4236
SNOW CK 7N IDYLLWILD	0.55 *	6800
VISTA GRANDE RAWS	0.53	4700
POPPET FLAT RAWS	0.51	3830
KEENWILD RAWS	0.48	4920
VISTA GRANDE	0.47	4939

BANNING BENCH	0.44	3619
GARNER VALLEY CENTRAL	0.37	4585
SAGE RAWS	0.21	2560
PINYON PINES RAWS	0.12	4060
ANZA SOUTHEAST	0.08	3920
MOUNT SAN JACINTO	0.01 *	8616

## .COACHELLA VALLEY

STATION	PRECIP(IN)	ELEVATION(FT)
WHITEWATER TROUT FARM	0.35	2200
MORONGO VALLEY 4SSW	0.12	2400
PALM CANYON CREEK	0.12	700
HILL	0.08	2270
WINDY POINT	0.04	1060
LOWER TAHQUITZ CREEK	0.04	560
CATHEDRAL CANYON	0.02	605

## .SAN BERNARDINO COUNTY MOUNTAINS

STATION	PRECIP(IN)	ELEVATION(FT)
CREST PARK	1.30 *	5624
CRESTLINE	1.27 *	5100
HEAPS PEAK RAWS	1.23 *	6350
RUNNING SPRINGS FS	1.15 *	6076
LAKE ARROWHEAD NW	1.06 *	5450
PANORAMA POINT	0.98	3887
RUNNING SPRINGS PARK	0.86 *	5440
LAKE ARROWHEAD N	0.84 *	5180
STRAWBERRY CREEK	0.78	2986
LAKE ARROWHEAD WEST	0.75 *	5360
CABLE CANYON	0.67 *	5516
DEER CREEK DAM	0.67	2917
MANZANITA FLATS	0.64	3920
MILL CREEK EAST	0.63	4420
MT BALDY VILLAGE	0.47	4230
OAK CREEK CANYON	0.47	3676
LYTLE CREEK RAWS	0.46	2790
RAYWOOD FLATS	0.40 *	7097
CONVERSE RAWS	0.34 *	5200
WILDWOOD CANYON	0.28	2946
BAILY CANYON	0.27	3388
OAK GLEN FIRE	0.27	4664
OAK GLEN WATERSHED	0.27	4923
YUCAIPA RIDGE	0.24 *	9020
CRESTLINE RIDGE	0.23 *	5300
BIG BEAR LAKE	0.22 *	6768
GREEN VALLEY LAKE	0.13 *	7000
FAWNSKIN RAWS	0.10 *	6903
UPPER DAY CANYON	0.08 *	5768
HEART BAR	0.08 *	6690
BIG PINE FLAT RAWS	0.06 *	6908
MORMON ROCK RAWS	0.05	3300
BLUE RIDGE	0.01 *	8500
RUNNING SPRINGS	0.01 *	6255
SNOW PEAK	0.01 *	7865

## .APPLE AND LUCERNE VALLEYS

STATION	PRECIP(IN)	ELEVATION(FT)
LUCERNE VALLEY	0.26	3035
MOJAVE FORKS DAM	0.21	2449
GRANITE MOUNTAIN RAWS	0.19	4720
VICTORVILLE LANDFILL	0.17	2959
ADELANTO	0.14	2896
APPLE VALLEY	0.13	2762
HESPERIA	0.08	3580
DESERT KNOLLS WASH	0.08	2808
HELENDAL	0.08	2428
HELENDAL SILV. LAKES	0.04	2425
MEANS LAKE RAWS	0.01	2900

NOTICE...THIS REPORT CONTAINS PROVISIONAL DATA FROM AUTOMATED GAUGES. THE ACCURACY OF THIS DATA HAS NOT BE VERIFIED.

772  
WWUS76 KSGX 140958  
NPWSGX

URGENT - WEATHER MESSAGE  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
158 AM PST MON DEC 14 2015

...PERIODS OF STRONG GUSTY WEST WINDS IN THE MOUNTAINS AND  
DESERTS AND NEAR THE COAST TONIGHT...

.A LOW PRESSURE SYSTEM MOVING THROUGH SOUTHERN CALIFORNIA TODAY WILL  
BRING STRONG AND GUSTY WEST TO NORTHWEST WINDS IN THE  
MOUNTAINS...DESERTS...AND COASTAL AREAS THROUGH THE EARLY  
AFTERNOON. LOCAL GUSTS OVER 60 MPH ARE POSSIBLE ON THE DESERT  
MOUNTAIN SLOPES AND THROUGH SAN GORGONIO PASS. WINDS WILL BE  
STRONGEST EARLY THIS MORNING...THEN WEAKEN THROUGH THE AFTERNOON.

CAZ058-062-065-142100-  
/O.EXT.KSGX.HW.W.0005.000000T0000Z-151214T2100Z/  
SAN DIEGO COUNTY MOUNTAINS-SAN DIEGO COUNTY DESERTS-  
SAN GORGONIO PASS NEAR BANNING-  
158 AM PST MON DEC 14 2015

...HIGH WIND WARNING NOW IN EFFECT UNTIL 1 PM PST THIS  
AFTERNOON...

\* WINDS...WEST 35 TO 45 MPH WITH GUSTS 55 TO 65 MPH. STRONGEST  
WINDS THROUGH ABOUT 3 AM. WINDS WILL DIMINISH EARLY THIS  
AFTERNOON.

\* LOCATION...STRONGEST WINDS NEAR THE RIDGES...DESERT FOOTHILLS  
AND BELOW THE SAN GORGONIO PASS.

\* IMPACTS...HAZARDOUS TRAVEL FOR HIGH-PROFILE VEHICLES. SOME  
DAMAGE MAY OCCUR TO SIGNAGE...TREES AND POWER LINES. REDUCED  
VISIBILITY IN BLOWING DUST AND SAND.

\* REPORTED PEAK GUSTS THROUGH 2 AM...62 MPH AT WHITEWATER... 71 MPH  
AT VOLCAN MOUNTAIN...59 MPH AT BORREGO SPRINGS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A HIGH WIND WARNING MEANS A HAZARDOUS HIGH WIND EVENT IS EXPECTED  
OR OCCURRING. SUSTAINED WIND SPEEDS OF AT LEAST 40 MPH OR GUSTS  
OF 58 MPH OR MORE CAN LEAD TO PROPERTY DAMAGE.

&&

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CAZ061-142100-  
/O.EXB.KSGX.WI.Y.0033.000000T0000Z-151214T2100Z/

COACHELLA VALLEY-  
158 AM PST MON DEC 14 2015

...WIND ADVISORY IN EFFECT UNTIL 1 PM PST THIS AFTERNOON...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A WIND  
ADVISORY...WHICH IS IN EFFECT UNTIL 1 PM PST THIS AFTERNOON.

\* WINDS...AREAS OF WEST TO NORTHWEST WINDS 25 TO 35 MPH WITH GUSTS  
TO 50 MPH THROUGH EARLY THIS AFTERNOON.

\* LOCATION...STRONGEST NEAR THE FOOTHILLS AND OVER EASTERN  
PORTIONS OF THE VALLEY.

\* IMPACTS...HAZARDOUS TRAVEL ALONG INTERSTATE 10 AND HIGHWAYS 111  
AND 86. MINOR DAMAGE TO TREES AND UNSECURED OUTDOOR OBJECTS POSSIBLE.

\* REPORTED PEAK GUSTS THROUGH 2 AM...55 MPH AT THERMAL AIRPORT.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS  
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH  
PROFILE VEHICLES. USE EXTRA CAUTION.

&&

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CAZ043-552-142100-  
/O.EXT.KSGX.WI.Y.0033.000000T0000Z-151214T2100Z/  
SAN DIEGO COUNTY COASTAL AREAS-ORANGE COUNTY COASTAL AREAS-  
158 AM PST MON DEC 14 2015

...WIND ADVISORY NOW IN EFFECT UNTIL 1 PM PST THIS AFTERNOON...

\* WINDS...AREAS OF WEST TO NORTHWEST WINDS 15 TO 25 MPH WITH GUSTS  
TO 40 MPH THROUGH EARLY THIS AFTERNOON.

\* LOCATION...STRONGEST AND MOST WIDESPREAD NEAR THE IMMEDIATE COAST.

\* IMPACTS...LOOSE OBJECTS ON PATIOS MAY BECOME AIRBORNE. DRY PALM  
FRONDS MAY BE BLOWN LOOSE.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS  
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH  
PROFILE VEHICLES. USE EXTRA CAUTION.

&&

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CAZ055-056-060-142100-

/O.EXT.KSGX.WI.Y.0033.000000T0000Z-151214T2100Z/

SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-  
APPLE AND LUCERNE VALLEYS-  
158 AM PST MON DEC 14 2015

...WIND ADVISORY NOW IN EFFECT UNTIL 1 PM PST THIS AFTERNOON...

\* WINDS...AREAS OF SOUTHWEST TO WEST WINDS 25 TO 35 MPH WITH GUSTS  
45 TO 55 MPH THROUGH THROUGH EARLY THIS AFTERNOON.

\* LOCATION...STRONGEST NEAR MOUNTAIN RIDGE TOPS AND ALONG DESERT  
MOUNTAIN SLOPES INTO ADJACENT DESERT AREAS.

\* IMPACTS...HAZARDOUS TRAVEL ALONG INTERSTATE 15 AND US 395  
THROUGH THE HIGH DESERT.

\* REPORTED PEAK GUSTS THROUGH 9 PM...80 MPH BURNS CANYON...50  
MPH AT LUCERNE VALLEY.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS  
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH  
PROFILE VEHICLES. USE EXTRA CAUTION.

&&

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SS

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AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
200 PM PST MON DEC 14 2015

.SYNOPSIS...LOW PRESSURE ALOFT WILL SLOWLY MOVE EAST OUT OF THE AREA THIS AFTERNOON AND TONIGHT WITH THE CLOUDS GRADUALLY CLEARING THROUGH THIS EVENING. THERE WILL BE AREAS OF FROST IN THE VALLEYS THE NEXT FEW NIGHTS...WITH LOCAL FROST IN THE LOWER DESERTS. AFTER ANOTHER CHILLY DAY TUESDAY...HIGH PRESSURE ALOFT WILL FINALLY BRING A WARMING TREND STARTING WEDNESDAY AND CONTINUING THROUGH FRIDAY...ALONG WITH MOSTLY CLEAR SKIES. A LOW PRESSURE TROUGH COULD BRING PRECIPITATION EARLY NEXT WEEK.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

PARTLY CLOUDY CONDITIONS PREVAILED...WITH A CHILLY DAY AS EARLY AFTERNOON TEMPERATURES WERE ONLY IN THE MID 50S TO LOWER 60S AT LOWER ELEVATIONS AND MOSTLY BELOW FREEZING ABOVE 5500-6000 FEET ELEVATION. THERE WILL BE SOME OFFSHORE FLOW TONIGHT TO BRING LOCAL WIND GUSTS AROUND 30 MPH THROUGH/BELOW PASSES AND CANYONS...ESPECIALLY BELOW CAJON PASS AND IN THE SANTA ANA MOUNTAINS...BUT MOST OTHER AREAS WILL HAVE LIGHT WINDS TONIGHT. GIVEN THE 850 MB TEMPS OF AROUND 1 DEG C...THEN THERE WILL BE QUITE A FEW VALLEY LOCATIONS BETWEEN ABOUT 30 AND 35 DEG F...AT LEAST

WHERE THE WINDS ARE LIGHT. WE HAVE ISSUED A FROST ADVISORY FOR TONIGHT...AND ONE WILL LIKELY BE NEEDED TUESDAY NIGHT AND POSSIBLY WEDNESDAY NIGHT AS WELL. MODEL GUIDANCE SHOWS THE LOWER DESERTS COULD HAVE LOW TEMPERATURES JUST ABOVE FREEZING STARTING TUESDAY NIGHT...SO A FROST ADVISORY WILL PROBABLY BE NEEDED THERE THEN. REGARDING THE OFFSHORE FLOW...THE WINDS COULD PICK UP SLIGHTLY TUESDAY NIGHT/WEDNESDAY MORNING POSSIBLY TO NEAR WIND ADVISORY CRITERIA IN THE SANTA ANA MOUNTAINS AND INLAND EMPIRE DUE TO LOCAL GUSTS AROUND 40 MPH...BUT IT WILL BE LOCALIZED ENOUGH TO KEEP MANY VALLEY LOCATIONS IN THE 30-35 DEG F RANGE FOR TUESDAY NIGHT MINIMUMS.

THE INTERIOR WESTERN US TROUGH WILL KEEP OUR FLOW CYCLONIC THROUGH TUESDAY NIGHT...HENCE THE CHILLY WEATHER...BUT THEN THE RIDGE OVER THE EAST PAC WILL MOVE THROUGH CALIFORNIA...ALBEIT PROGRESSIVELY FLATTENED...WED-FRI. DAYTIME TEMPS WILL RECOVER TO NEAR OR JUST SLIGHTLY ABOVE NORMAL BY THU/FRI...THOUGH WITH MOSTLY CLEAR SKIES AND GENERALLY DRY AIR...NIGHTS WILL CONTINUE A LITTLE BELOW NORMAL...THOUGH THE FROST POTENTIAL WILL DECREASE BY THURSDAY NIGHT. A BROAD TROUGH OVER THE GULF OF ALASKA WILL GRADUALLY SHIFT EAST/SOUTHEAST TOWARDS CALIFORNIA AND COULD BRING RAIN TO OUR FORECAST AREA SATURDAY NIGHT AND/OR SUNDAY. ECMWF/GFS ARE IN BETTER AGREEMENT WITH TIMING AND STRENGTH AND INDICATE 1/4 TO 1/2 INCH OF PRECIPITATION BEING MOST LIKELY. MOST MODELS/ENSEMBLES SHOW BROAD TROUGHING OVER THE WESTERN US WITH DEEP MOIST FLOW OVER THE PACIFIC FROM ABOUT CENTRAL CALIFORNIA NORTH THROUGH THE PAC NW EARLY NEXT WEEK...SO IF ANOTHER SHORTWAVE MOVES THROUGH ON THE SOUTH SIDE OF THE BROAD TROUGH...WE COULD GET MORE PRECIP AFTER SUNDAY.

&&

.AVIATION...  
142103Z...AREAS OF SCT-BKN CLOUDS IN THE 3000-15000 FT MSL LAYER CONTINUING THROUGH 15/0000 UTC OVER AND WEST OF THE MTNS AND IN THE HIGH DESERTS WITH LOCALIZED MTN OBSCURATION. MOSTLY SKC WITH UNRESTRICTED VIS ELSEWHERE. 15/0000-1500 UTC...CLOUDS MOSTLY DISSIPATING WITH PRIMARILY UNRESTRICTED VIS ALL AREAS. W TO NW WINDS 15-25 KT WITH GUSTS 30-35 KT AND ASSOCIATED MOD-STG UDDFS/LLWS OVER AND EAST OF THE MTNS WILL GRADUALLY DIMINISH THROUGH 15/0000 UTC.

&&

.MARINE...  
103 PM...BUOYS CURRENTLY SHOW SIGNIFICANT WAVE HEIGHTS OF 8-11 FEET OVER A MAJORITY OF THE COASTAL WATERS...AND READINGS FROM THE SAN CLEMENTE BASIN BUOY SHOW NORTHWEST WINDS AT 25 KT GUSTING TO 31 KT. WINDS NEAR GALE-FORCE MAY CONTINUE OVER THE OUTER WATERS THROUGH THIS EVENING...SO THE GALE WARNING REMAINS IN EFFECT. HOWEVER...WIND GUSTS OVER THE INNER WATERS APPEAR TO HAVE WEAKENED TO THE 20-30 KT



RANGE...SO THE GALE WARNING FOR THAT AREA HAS BEEN DOWNGRADED TO A SMALL CRAFT ADVISORY. COMBINED SEAS OF 8 TO 12 FEET CONTINUE THROUGH LATE TONIGHT BEFORE DIMINISHING EARLY TUESDAY. FOR ADDITIONAL DETAILS...PLEASE SEE LAXMWSGX. NO HAZARDOUS MARINE WEATHER CONDITIONS EXPECTED FOR LATER TUESDAY THROUGH SATURDAY.

&&

.BEACHES...  
103 PM...LATEST READINGS FROM THE BUOYS OVER THE NEARSHORE WATERS OF SOUTHERN SAN DIEGO COUNTY INDICATE WAVE HEIGHTS OF 8-10 FEET WITH PERIODS OF 10-13 SECONDS. LARGE NORTHWEST SWELLS WILL CONTINUE THROUGH TODAY...PRODUCING HIGH SURF OF AROUND 5-8 FEET WITH SETS TO 10 FEET NORTH OF NEWPORT BEACH AND SOUTH OF CARLSBAD. SURF AND SWELL WILL LOWER TUESDAY. THE HIGH SURF ADVISORY REMAINS IN EFFECT THROUGH EARLY TUESDAY AFTERNOON FOR THE ORANGE AND SAN DIEGO COUNTY BEACHES. STRONG RIP CURRENTS WILL ALSO CONTINUE THROUGH THE PERIOD. FOR ADDITIONAL DETAILS...PLEASE SEE LAXCFWSGX. NO OTHER SIGNIFICANT SWELLS ARE ON THE HORIZON AFTER TUESDAY.

&&

.SKYWARN...  
SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...  
CA...FROST ADVISORY FROM 11 PM THIS EVENING TO 8 AM PST TUESDAY FOR SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-SAN DIEGO COUNTY VALLEYS.

HIGH SURF ADVISORY UNTIL 2 PM PST TUESDAY FOR ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS.

PZ...GALE WARNING UNTIL 4 AM PST TUESDAY FOR WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

SMALL CRAFT ADVISORY UNTIL 4 AM PST TUESDAY FOR COASTAL WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT TO 30 NM.

&&

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PUBLIC...MAXWELL  
AVIATION/MARINE/BEACHES...HARRISON

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AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
855 PM PST MON DEC 14 2015

.SYNOPSIS...LOW PRESSURE ALOFT ACROSS THE WESTERN HALF OF THE NATION WILL STEER COOL AND DRY AIR ACROSS SOUTHERN CALIFORNIA THROUGH TUESDAY. CLEAR SKIES...DRY AIR...AND WEAK OFFSHORE FLOW WILL ALLOW NIGHTTIME TEMPERATURES TO FALL TO AROUND FREEZING IN WIND SHELTERED AREAS BOTH TUESDAY AND WEDNESDAY MORNINGS. A WARMING TREND WILL BEGIN ON WEDNESDAY AND CONTINUE THROUGH FRIDAY WITH FAIR SKIES AS HIGH PRESSURE BUILDS ALOFT. THE NEXT CHANCE FOR RAIN COMES SUNDAY AS A WEAK PACIFIC TROUGH APPROACHES FROM THE WEST.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

SKIES WERE CLEAR AND IT WAS A COOL EVENING ACROSS SOCAL WITH TEMPERATURES WEST OF THE MTS ALREADY IN THE MID 40S TO MID 50S AT 9 PM PST. SURFACE PRESSURE GRADIENTS WERE STILL ONSHORE 1-3 MBS TO THE LOWER DESERTS...BUT WESTERLY WINDS HAVE WEAKENED CONSIDERABLY. THE 00Z MIRAMAR SOUNDING HAD A 4 DEGREE C INVERSION BASED NEAR 13K FT. SHARP COOLING OF AROUND 12 DEGREES C WAS NOTED IN THE MID-LEVELS OVER THE PAST 24 HOURS.

A LARGE AREA OF LOW PRESSURE ALOFT WILL CONTROL THE WEATHER ACROSS CALIFORNIA AND MUCH OF THE WEST...WITH DRY AND COOL...NORTHERLY FLOW THROUGH TUESDAY. THE LOW WILL MOVE EAST ON WEDNESDAY...ALLOWING HEIGHTS/THICKNESS TO RISE INTO THE WEEKEND...ALONG WITH TEMPERATURES.

IN THE MEANTIME...THE NIGHTS WILL BE QUITE COLD. A FROST ADVISORY IS IN EFFECT FOR THE VALLEYS OVERNIGHT...AND WILL LIKELY BE NEEDED FOR TOMORROW NIGHT AS WELL. A FEW OF THE COLDER SPOTS WILL DROP TO THE FREEZING MARK OR BELOW BY MORNING.

THE WEAK RIDGING THAT WILL DEVELOP OVER THE WEST LATER THIS WEEK LOOKS TO BE TRANSIENT AS ANOTHER LOW PRESSURE TROUGH APPROACHES FROM THE PACIFIC NEXT WEEKEND. EARLIER MODEL RUNS WANTED TO DROP THE SYSTEM WEST OF SAN DIEGO AND BRING IT INLAND WITH MORE MOISTURE THAN WE HAVE SEEN WITH THE PAST FEW COLD SYSTEMS FROM THE NORTH... BUT TRENDS ARE TO WEAKEN THE TROUGH AND MOVE IT THROUGH FASTER WITH LESS MOISTURE. FOR NOW CHANCE POPS ARE IN THE FCST FOR SUNDAY.

AFTER SUNDAY...GENERAL HEIGHT FALLS ACROSS THE ROCKIES AND MUCH OF THE WEST...WITH EMBEDDED SHORTWAVES KEEP A COOL...UNSETTLED...AND POSSIBLY WET WEATHER PATTERN ACROSS PORTIONS OF CA. SMALL POPS ARE IN THE FORECAST FOR FAR SOUTHERN PORTIONS OF THE STATE...BUT THE LONGWAVE PATTERN STILL DOES NOT SHOW A STORM TRACK THIS FAR SOUTH. GUIDANCE OUT THROUGH CHRISTMAS EVE STILL FAVORS A STRONG RIDGE OVER THE EASTPAC BETWEEN 140W AND 160W.

&&

.AVIATION...

150400Z...FEW LOW CLOUDS TONIGHT NEAR THE COAST...WITH BASES AROUND 6000 FT MSL. OTHERWISE...VFR CONDITIONS WITH UNRESTRICTED VIS THROUGH TUE EVENING.

&&

.MARINE...

800 PM...NW WINDS HAVE DIMINISHED TO AROUND 25 KT THIS EVENING...AND WILL FALL BELOW 20 KT BY LATE TONIGHT. SEAS OF 8-11 FT IN THE OUTER WATERS WILL SLOWLY LOWER OVERNIGHT...AS WELL. THE GALE WARNING FOR THE OUTER WATERS HAS BEEN DOWNGRADED TO A SMALL CRAFT ADVISORY...AND REMAINS IN EFFECT THROUGH 4 AM TONIGHT FOR BOTH THE INNER AND OUTER WATERS. CONDITIONS MAY BE HAZARDOUS TO SMALL CRAFT THROUGH THE PERIOD. OTHERWISE...NO HAZARDOUS MARINE WEATHER CONDITIONS ARE EXPECTED FOR LATE TUESDAY MORNING THROUGH SATURDAY.

&&

.BEACHES... 800 PM...SURF HAS LOWERED TO BELOW 7 FEET THIS AFTERNOON  
ACROSS SAN DIEGO COUNTY AND ORANGE COUNTY BEACHES. THEREFORE...THE  
HIGH SURF ADVISORY WAS CANCELLED THIS EVENING. STRONG RIP CURRENTS  
WILL REMAIN POSSIBLE THROUGH TUESDAY.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE  
ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...FROST ADVISORY UNTIL 8 AM PST TUESDAY FOR SAN BERNARDINO AND  
RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-SAN DIEGO COUNTY  
VALLEYS.

PZ...SMALL CRAFT ADVISORY UNTIL 4 AM PST TUESDAY FOR COASTAL WATERS  
FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT TO 30 NM-  
WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING  
30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

&&

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PUBLIC...JAD

AVIATION/MARINE/BEACHES...JJT

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AFDSGX

AREA FORECAST DISCUSSION  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
327 AM PST TUE DEC 15 2015

.SYNOPSIS...LOW PRESSURE ALOFT ACROSS THE WESTERN HALF OF THE NATION WILL STEER COOL AND DRY AIR ACROSS SOUTHERN CALIFORNIA THROUGH WEDNESDAY. CLEAR SKIES...DRY AIR...AND WEAK OFFSHORE FLOW WILL ALLOW NIGHTTIME TEMPERATURES TO FALL TO AROUND FREEZING IN WIND SHELTERED AREAS AGAIN ON WEDNESDAY MORNING. A WARMING TREND WILL BEGIN LATER WEDNESDAY AND CONTINUE THROUGH THE WEEKEND WITH FAIR SKIES AS HIGH PRESSURE BUILDS ALOFT. THE NEXT CHANCE FOR RAIN COMES SUNDAY AS A WEAK PACIFIC TROUGH APPROACHES FROM THE WEST.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

A COLD MORNING ACROSS OUR REGION AS A DEEP UPPER LOW EXITS EAST OF US ACROSS THE THE 4 CORNERS REGION...ALLOWING VERY COLD AIR TO WRAP AROUND THE BACKSIDE OF THE UPPER LOW AND CONTINUE TO KEEP CALIFORNIA ON THE COOL SIDE TODAY. COASTAL AREAS HAVE DIPPED INTO THE 40S...AND DOWN INTO THE 30S FOR THE VALLEYS EARLY THIS MORNING. A FROST ADVISORY CONTINUES FOR THE VALLEYS THROUGH 8 AM THIS MORNING TO ACCOUNT FOR THE COLD TEMPERATURES.

ALTHOUGH THE COLD PATTERN WILL BE RELAXING TONIGHT...COLD AIR WILL REMAIN ENTRENCHED AND TEMPERATURES WILL BE JUST AS COLD AS THIS MORNING. THEREFORE THE FROST ADVISORY HAS BEEN EXTENDED TO INCLUDE TONIGHT THROUGH EARLY WEDNESDAY MORNING WITH TEMPERATURES DOWN INTO THE 30S ONCE AGAIN FOR THE VALLEYS.

A SLOW WARMING TREND BEGINS WEDNESDAY AS UPPER LEVEL HEIGHTS QUICKLY BUILD AND TRANSITORY RIDGING ENSUES THROUGH FRIDAY. ALTHOUGH WEDNESDAY WILL STILL BE ON THE COOL SIDE...TEMPERATURES WILL REBOUND NICELY...GENERALLY REACHING INTO THE LOWER 70S BY FRIDAY AND SATURDAY. THESE TEMPERATURES ARE ABOUT 5 TO 10 DEGREES ABOVE NORMAL.

ON SATURDAY...A DEEP PAC NW TROUGH WILL GRADUALLY BUILD INTO CALIFORNIA...BRINGING A BRIEF PERIOD OF RAIN AND MOUNTAIN SNOW TO OUR REGION...SIMILAR TO THIS PAST SYSTEM THAT BROUGHT OCCASIONAL BURSTS OF HEAVY SHOWERS ABOUT 24 TO 36 HOURS AGO. THE BEST CHANCE IS SLATED FOR LATE SATURDAY NIGHT. SCATTERED SHOWERS MAY THEN LINGER INTO SUNDAY WITH THIS SLOW MOVING TROUGH AND EMBEDDED UPPER LEVEL IMPULSES WRAPPING AROUND THE SYSTEM. COOL NORTHERLY FLOW WILL LINGER INTO EARLY NEXT WEEK...AND ANOTHER TROUGH WILL BRING ANOTHER CHANCE FOR PRECIPITATION NEXT MONDAY NIGHT INTO TUESDAY ALONG WITH ANOTHER ROUND OF STRONG WINDS. HOWEVER...NO MAJOR PRECIPITATION MAKERS ARE EXPECTED DURING THIS FORECAST PERIOD...JUST THESE COLD TROUGHS WITH SCATTERED MAINLY LIGHT PRECIPITATION AMOUNTS EVERY FEW DAYS.

&&

.AVIATION...

151000Z...MOSTLY CLEAR AND VFR CONDITIONS WILL CONTINUE TODAY AND TONIGHT.

&&

.MARINE...

200 AM...WINDS AND SWELL WILL CONTINUE TO DECREASE THIS MORNING. NO HAZARDOUS MARINE WEATHER IS EXPECTED TODAY THROUGH SATURDAY.

&&

.SKYWARN...  
SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.